

NEWFIELD



October 28, 2005

State of Utah  
Division of Oil, Gas & Mining  
Attn: Diana Whitney  
1594 West North Temple - Suite 1210  
P.O. Box 145801  
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill: Ashley Federal 15-24-9-15, 16-24-9-15, 3-25-9-15, 6-25-9-15, 8-25-9-15, 9-25-9-15, 10-25-9-15, 15-25-9-15, and 16-25-9-15. ✓

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 15-24-9-15, 6-25-9-15, 8-25-9-15, and 10-25-9-15 locations are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Shon Mckinnon or myself a call.

Sincerely,

Mandie Crozier  
Regulatory Specialist

mc  
enclosures

RECEIVED

OCT 31 2005

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.  
UTU-66185

6. If Indian, Allottee or Tribe Name  
N/A

7. If Unit or CA Agreement, Name and No.  
Ashley

8. Lease Name and Well No.  
Ashley Federal 6-25-9-15

9. API Well No.  
4301332946

10. Field and Pool, or Exploratory  
~~Monument Butte~~ Undesignated

11. Sec., T., R., M., or Blk. and Survey or Area  
SE/NW Sec. 25, T9S R15E

12. County or Parish  
Duchesne

13. State  
UT

1a. Type of Work: ☒ DRILL ☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator  
Newfield Production Company

3a. Address  
Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)  
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)  
At surface SE/NW 1546' FNL 2069' FWL 569832X 40.604987  
At proposed prod. zone 44284014 110.181877

14. Distance in miles and direction from nearest town or post office\*  
Approximately 16.4 miles southwest of Myton, Utah

15. Distance from proposed\* location to nearest property or lease line, ft.  
(Also to nearest drig. unit line, if any) Approx. 1546' f/lse, 3211' f/unit

16. No. of Acres in lease  
2,286.43

17. Spacing Unit dedicated to this well  
40 Acres

18. Distance from proposed location\* to nearest well, drilling, completed, applied for, on this lease, ft.  
Approx. 870'

19. Proposed Depth  
5700'

20. BLM/BIA Bond No. on file  
UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)  
6176' GL

22. Approximate date work will start\*  
1st Quarter 2006

23. Estimated duration  
Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature  
*Mandie Crozier*  
Title  
Regulatory Specialist

Name (Printed/Typed)  
Mandie Crozier

Date  
10/28/05

Approved by (Signature)  
*Bradley G. Hill*  
Title  
ENVIRONMENTAL SCIENTIST III

Name (Printed/Typed)  
BRADLEY G. HILL  
ENVIRONMENTAL SCIENTIST III

Date  
11-02-05

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

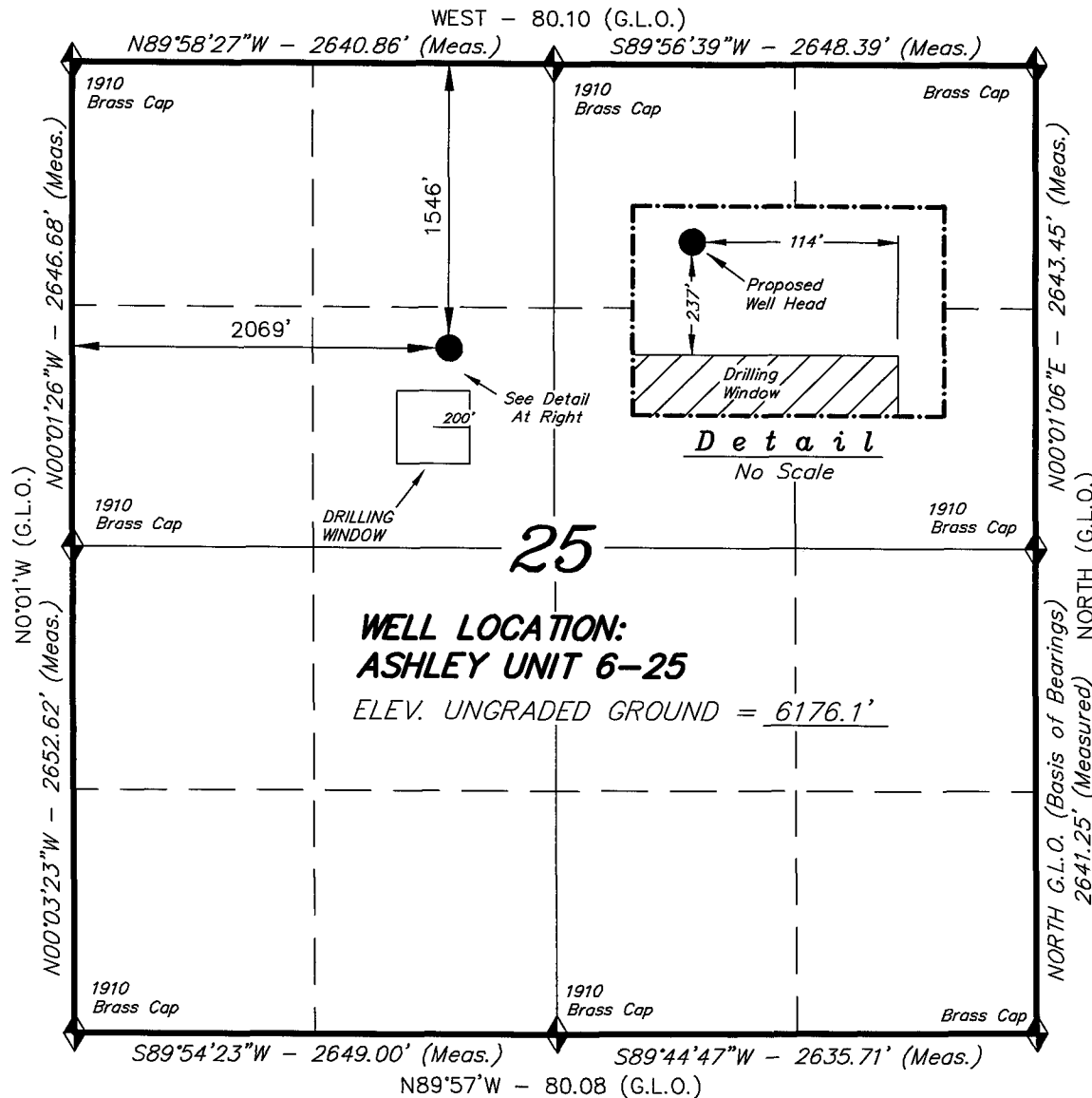
\*(Instructions on reverse)

Federal Approval of this  
Action Is Necessary

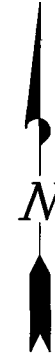
RECEIVED  
OCT 31 2005  
DIV. OF OIL, GAS & MINING

**T9S, R15E, S.L.B.&M.**

**NEWFIELD PRODUCTION COMPANY**



WELL LOCATION, ASHLEY UNIT 6-25,  
LOCATED AS SHOWN IN THE SE 1/4 NW  
1/4 OF SECTION 25, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

*Stacy W. Stewart*  
**STACY W. STEWART**  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 189377  
STATE OF UTAH

**TRI STATE LAND SURVEYING & CONSULTING**

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

SCALE: 1" = 1000'	SURVEYED BY: D.P.
DATE: 8-26-05	DRAWN BY: F.T.M.
NOTES:	FILE #

NEWFIELD PRODUCTION COMPANY  
ASHELY FEDERAL #6-25-9-15  
SE/NW SECTION 25, T9S, R15E  
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' - 2285'
Green River	2285'
Wasatch	5700'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2285' - 5700' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.



**NEWFIELD PRODUCTION COMPANY  
ASHLEY FEDERAL #6-25-9-15  
SE/NW SECTION 25, T9S, R15E  
DUCHESNE COUNTY, UTAH**

**ONSHORE ORDER NO. 1**

**MULTI-POINT SURFACE USE & OPERATIONS PLAN**

**1. EXISTING ROADS**

See attached Topographic Map "A"

To reach Newfield Production Company well location site Ashley Federal #6-25-9-15 located in the SE 1/4 NW 1/4 Section 25, T9S, R15E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles  $\pm$  to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.8 miles  $\pm$  to it's junction with an existing road to the southwest; proceed southwesterly - 12.0 miles  $\pm$  to it's junction with the beginning of the proposed access road to the west; proceed southwesterly along the proposed access road 1.0 miles  $\pm$  to the proposed well location.

**2. PLANNED ACCESS ROAD**

See Topographic Map "B" for the location of the proposed access road.

**3. LOCATION OF EXISTING WELLS**

Refer to Exhibit "B".

**4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

All permanent surfaces equipment will be painted Olive Black.  
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

**5. LOCATION AND TYPE OF WATER SUPPLY**

Please refer to the Monument Butte Field SOP. See Exhibit "A".

**6. SOURCE OF CONSTRUCTION MATERIALS**

Please refer to the Monument Butte Field SOP.

**7. METHODS FOR HANDLING WASTE DISPOSAL**

Please refer to the Monument Butte Field SOP.

**8. ANCILLARY FACILITIES**

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #04-205, 6/28/05. Paleontological Resource Survey prepared by, Wade E. Miller, 8/29/05. See attached report cover pages, Exhibit "D".

For the Ashley Federal #6-25-9-15 Newfield Production Company requests 1020' of disturbed area be granted in Lease UTU-74391, 2060' of disturbed area be granted in Lease UTU 02458, and 2450' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed access road. **Refer to Topographic Map "B"**. The proposed access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests requests 1020' of disturbed area be granted in Lease UTU-74391, 2060' of disturbed area be granted in Lease UTU 02458, and 2450' of disturbed area be granted in Lease UTU-66185 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will be 50' wide to allow for construction of a buried 6" gas gathering line, and a buried 3" poly fuel gas line. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

**Water Disposal**

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Threatened, Endangered, And Other Sensitive Species**

In the event that this well becomes a producing well, it must be equipped with a multi-cylinder engine or hospital muffler to reduce noise levels.

**Reserve Pit Liner**

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

**Location and Reserve Pit Reclamation**

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Fourwing Saltbush	<i>Atriplex Canescens</i>	6 lbs/acre
Sandberg Bluegrass	<i>Poa Secunda</i>	5 lbs/acre
Wyoming Big Sage		1 lbs/acre

**Details of the On-Site Inspection**

The proposed Ashley Federal #6-25-9-15 was on-sited on 6/9/05. The following were present; Shon Mckinnon (Newfeild Production), Byron Tolman (Bureau of Land Management), Melissa Hawk (Bureau of Land Management), and Amy Torres (Bureau of Landmanagement). Weather conditions were clear and ground cover was 100% open.

**13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION**

Representative

Name: Shon Mckinnon  
Address: Route #3 Box 3630  
Myton, UT 84052  
Telephone: (435) 646-3721

Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #6-25-9-158 SE/NW Section 25, Township 9S, Range 15E: Lease UTU-66185 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4488944.

I hereby certify that the proposed drillsite and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

October 29, 2005  
Date

  
Mandie Crozier  
Regulatory Specialist  
Newfield Production Company

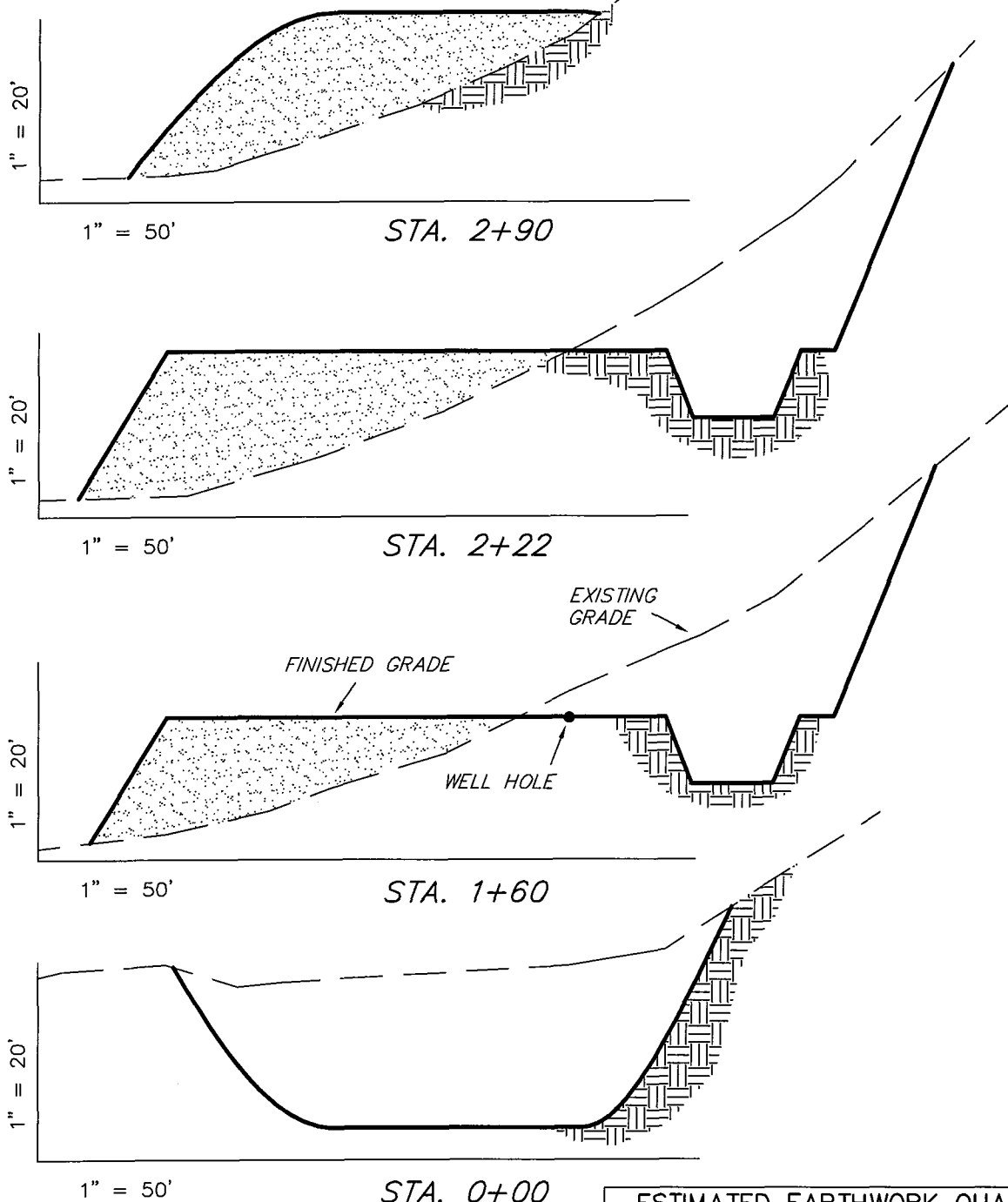
## Section 25, T9S, R15E, S.L.B.&amp;M.



# NEWFIELD PRODUCTION COMPANY

## CROSS SECTIONS

### ASHLEY UNIT 6-25



NOTE:  
UNLESS OTHERWISE NOTED  
CUT SLOPES ARE AT 1:1  
FILL SLOPES ARE AT 1.5:1

#### ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	10,560	9,600	Topsoil is not included in Pad Cut	960
PIT	640	0		640
TOTALS	11,200	9,600	1,240	1,600

SURVEYED BY: D.P.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 8-26-05

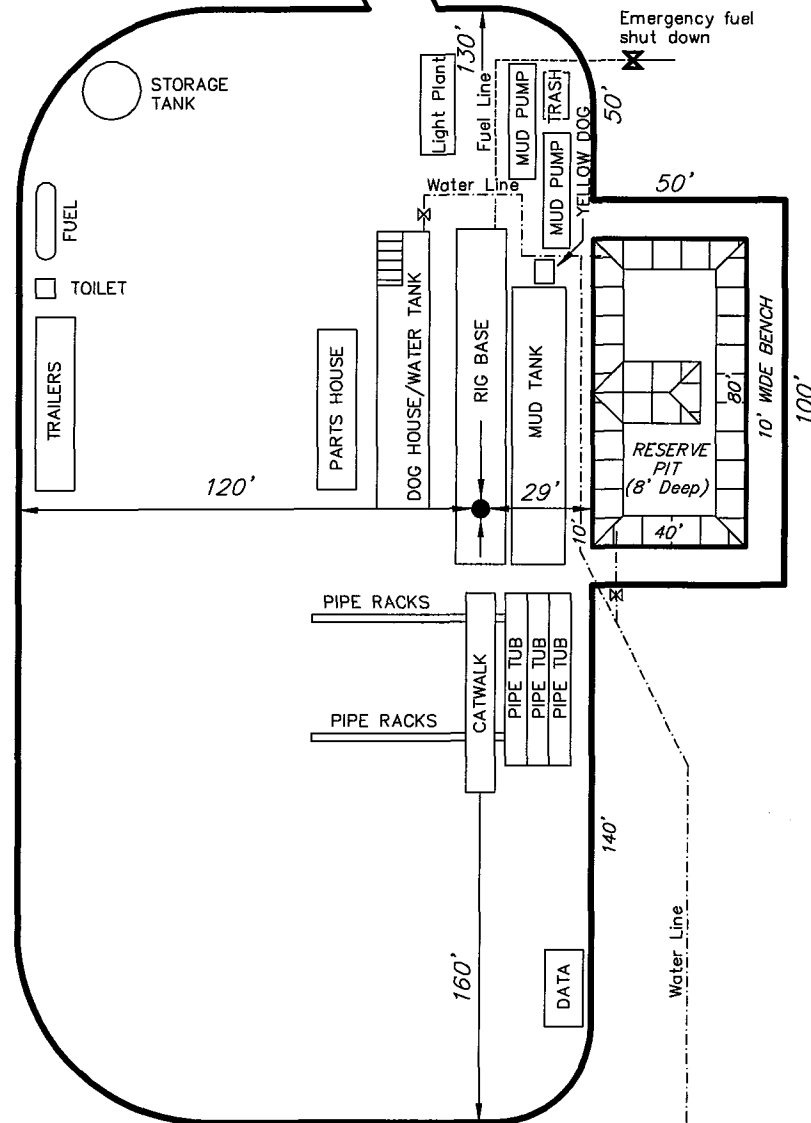
**Tri State**  
Land Surveying, Inc.  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078  
(435) 781-2501

# NEWFIELD PRODUCTION COMPANY

## TYPICAL RIG LAYOUT

### ASHLEY UNIT 6-25

PROPOSED ACCESS  
ROAD (Max. 6% Grade)



SURVEYED BY: D.P.

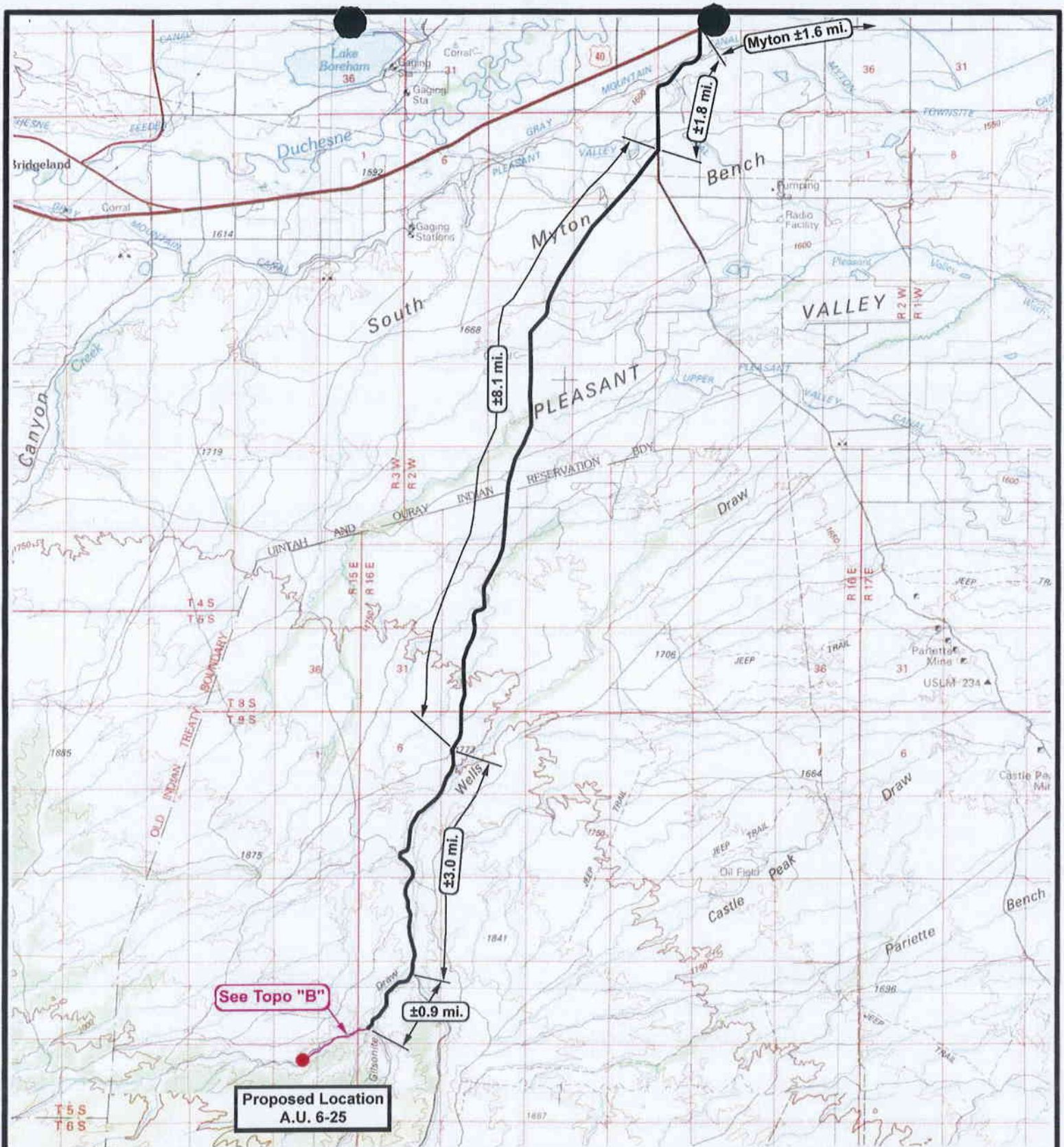
SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 8-26-05

**Tri State**  
Land Surveying, Inc.  
(435) 781-2501  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078





See Topo "B"

Proposed Location  
A.U. 6-25



**NEWFIELD**  
Exploration Company

**Ashley Unit 6-25-9-15**  
**SEC. 25, T9S, R15E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000  
DRAWN BY: mw  
DATE: 08-29-2005


**Legend**  
Existing Road  
Proposed Access

TOPOGRAPHIC MAP

**"A"**







**NEWFIELD**  
Exploration Company

**Ashley Unit 6-25-9-15**  
**SEC. 25, T9S, R15E, S.L.B.&M.**



**Tri-State**  
Land Surveying Inc.  
(435) 781-2501  
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 08-26-2005

**Legend**

Existing Road

Proposed Access

**TOPOGRAPHIC MAP**

**"B"**



10/14/20

UTU-64379

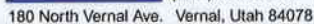
U102458

UTU-74391

**Tie in at Existing Pipeline**



Ashley Unit 6-25-9-15  
SEC. 25, T9S, R15E, S.L.B.&M.



SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 08-26-2005

Legend

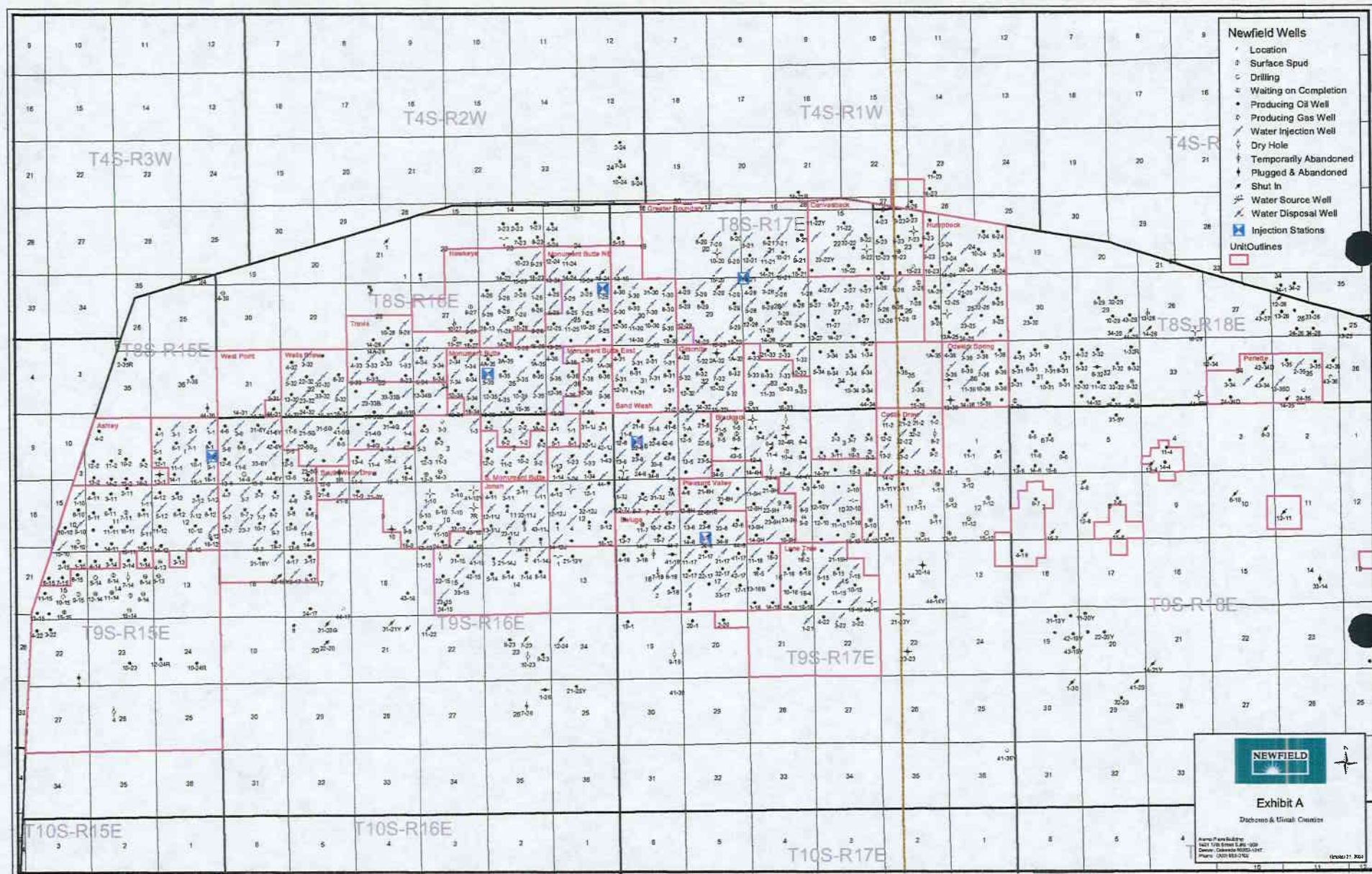
## Roads

### Proposed Gas Line

TOPOGRAPHIC MAP

"C"









## 2-M SYSTEM

Blowout Prevention Equipment Systems

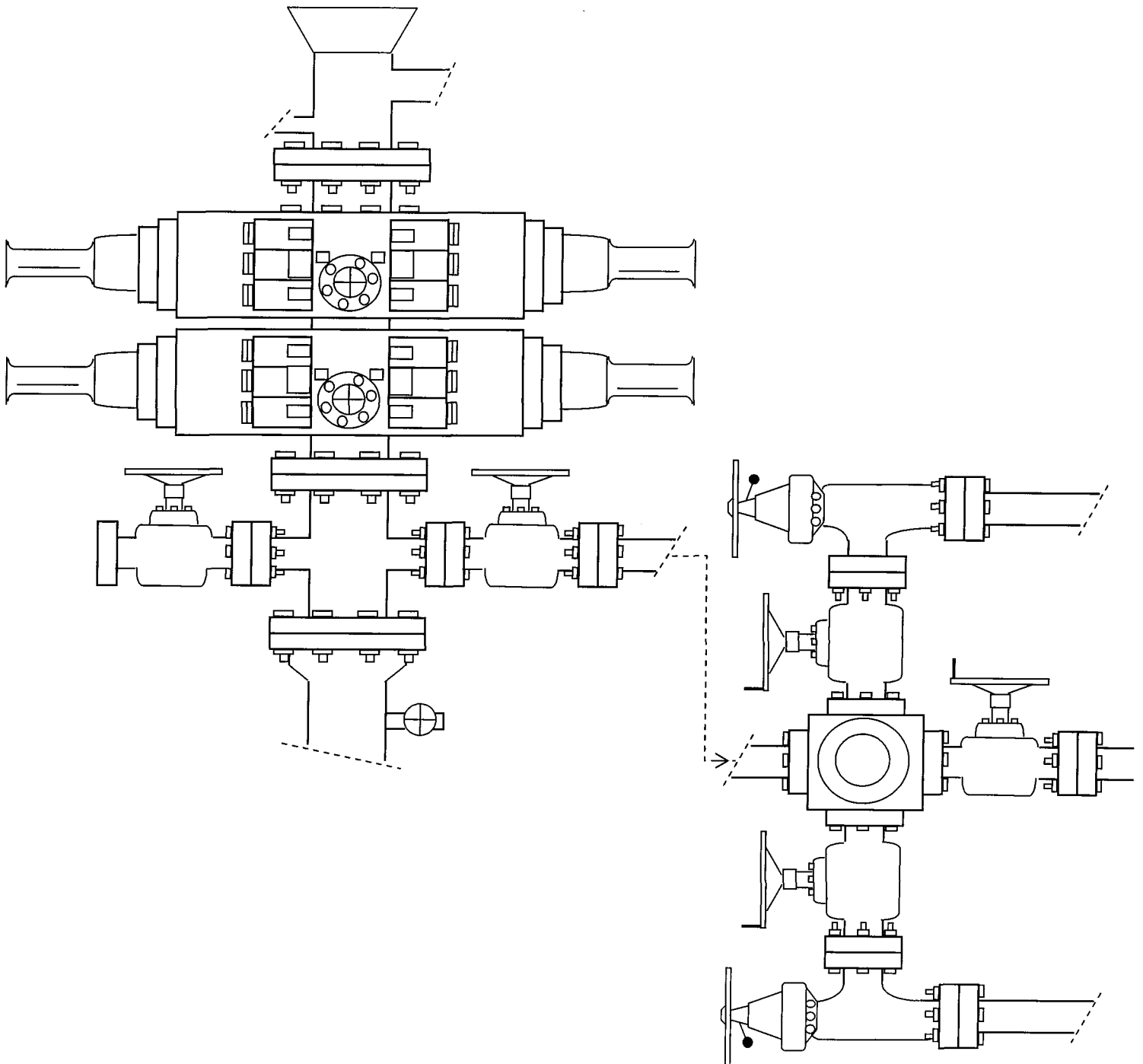


EXHIBIT C

CULTURAL RESOURCE INVENTORY OF  
NEWFIELD EXPLORATIONS 1800 ACRE BLOCK PARCEL  
IN TOWNSHIP 9 SOUTH, RANGE 15 EAST  
SECTIONS 25, 26 AND 27, DUCHESNE COUNTY, UTAH

By:

Kylie Lower-Eskelson  
and  
Keith Montgomery

Prepared For:

Bureau of Land Management  
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company  
Route 3 Box 3630  
Myton, Utah 84052

Prepared By:

Montgomery Archaeological Consultants  
P.O. Box 147  
Moab, Utah 84532

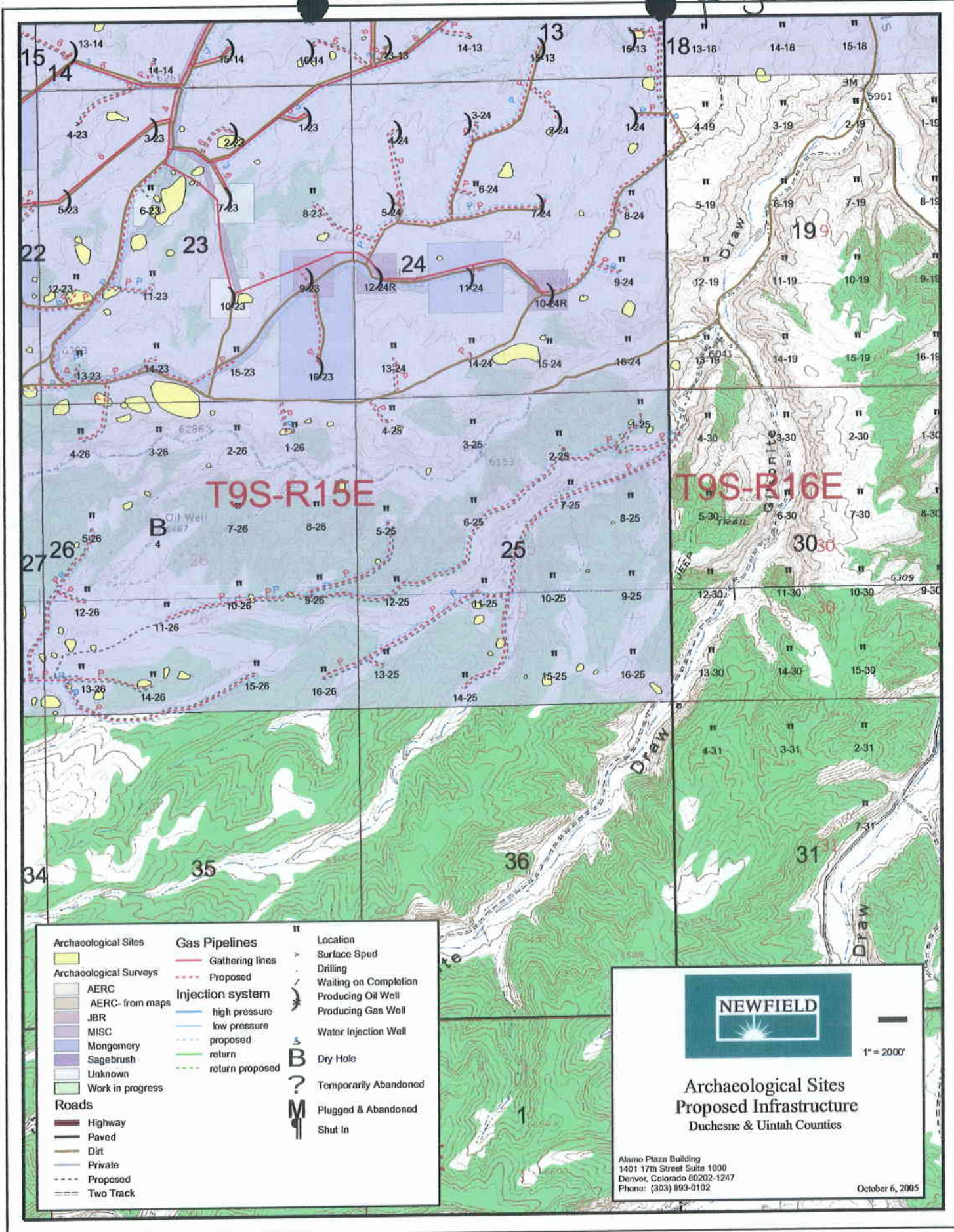
MOAC Report No. 04-205

June 28, 2005

United States Department of Interior (FLPMA)  
Permit No. 04-UT-60122

State of Utah Antiquities Project (Survey)  
Permit No. U-04-MQ-1417b





**NEWFIELD PRODUCTION COMPANY**

**PALEONTOLOGICAL SURVEY OF PROPOSED  
PRODUCTION DEVELOPMENT AREAS,  
DUCHESNE COUNTY, UTAH**

NE1/4, NW 1/4 Section 34, T 9 S, R 15 E [3-34-9-15]; Entire Section 25,  
T 9 S, R 15 E [1 through 16-25-9-15]; Entire Section 26, T 9 S, R 15 E  
[1 through 16-26-9-15]

**REPORT OF SURVEY**

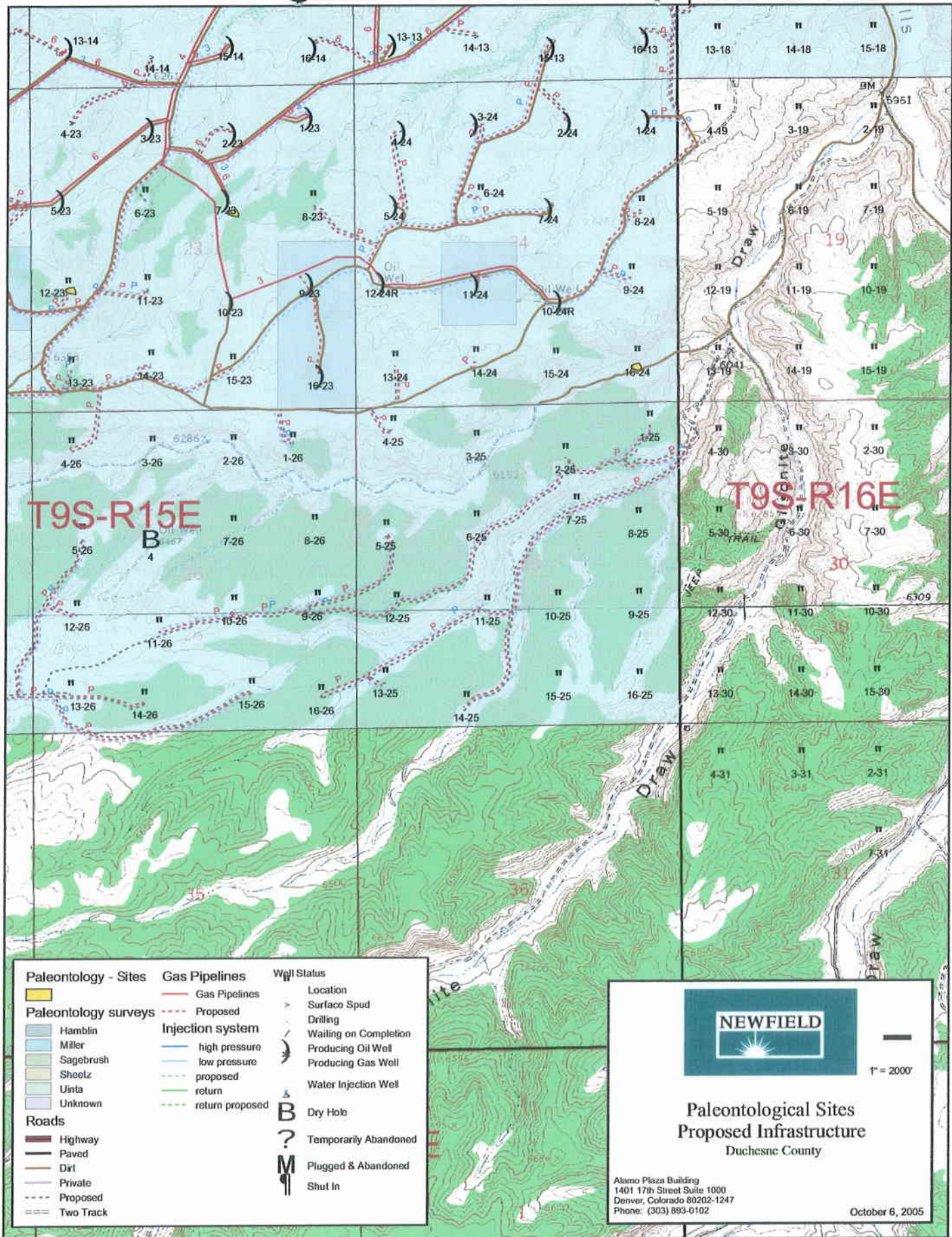
Prepared for:

**Newfield Production Company**

Prepared by:

Wade E. Miller  
Consulting Paleontologist  
August 29, 2005







WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/31/2005

API NO. ASSIGNED: 43-013-32946

WELL NAME: ASHLEY FED 6-25-9-15

OPERATOR: NEWFIELD PRODUCTION ( N2695 )

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

SENW 25 090S 150E

SURFACE: 1546 FNL 2069 FWL

BOTTOM: 1546 FNL 2069 FWL

DUCHESNE

UNDESIGNATED ( 2 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-66185

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.00499

LONGITUDE: -110.1819

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. UT0056 )

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit

(No. MUNICIPAL )

☒ RDCC Review (Y/N)

(Date: \_\_\_\_\_ )

☒ Fee Surf Agreement (Y/N)

☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

       R649-2-3.

Unit ASHLEY

       R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

       R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 242.1

Eff Date: 8-25-1998

Siting: Suspension General Drilling

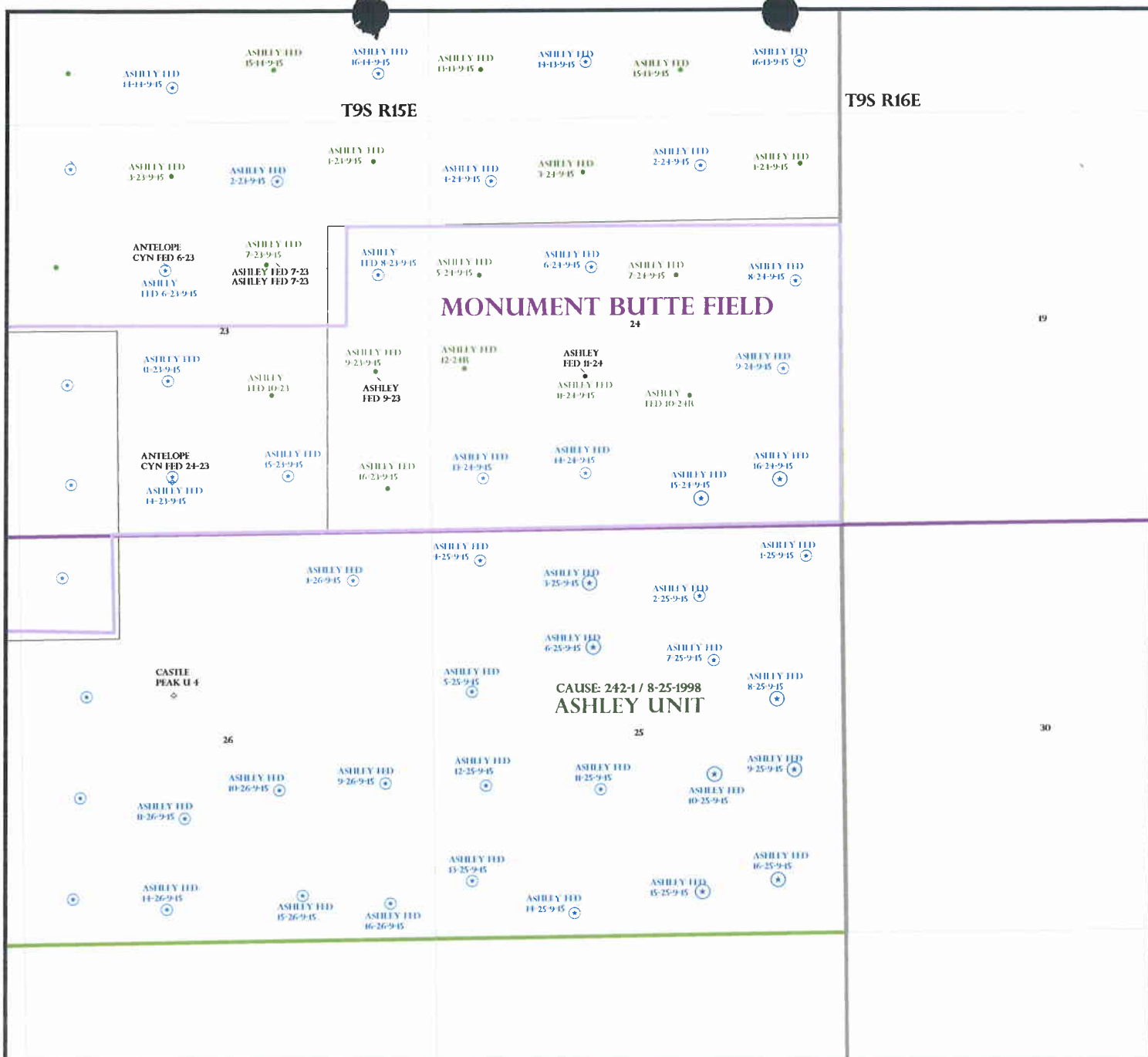
       R649-3-11. Directional Drill

COMMENTS:

Sep, Separate file

STIPULATIONS:

1-federal approval



OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 25 T. 9S R. 15E

FIELD: UNDESIGNATED (002)

COUNTY: DUCHESNE

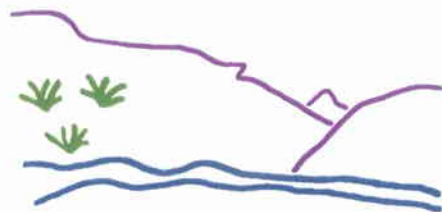
CAUSE: 242-1 / 8-25-1998

**Field Status**

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

**Unit Status**

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY  
DATE: 1-NOVEMBER-2005

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

November 2, 2005

### Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2005 Plan of Development Ashley Unit, Duchesne County,  
Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2005 within the Ashley Unit, Duchesne County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ Green River)		
43-013-32943	Ashley Fed 15-24-9-15 Sec 24 T09S R15E 0358 FSL 1810 FEL	
43-013-32944	Ashley Fed 16-24-9-15 Sec 24 T09S R15E 0590 FSL 0799 FEL	
43-013-32945	Ashley Fed 3-25-9-15 Sec 25 T09S R15E 0716 FNL 2029 FWL	
43-013-32946	Ashley Fed 6-25-9-15 Sec 25 T09S R15E 1546 FNL 2069 FWL	
43-013-32947	Ashley Fed 8-25-9-15 Sec 25 T09S R15E 2248 FNL 0857 FEL	
43-013-32948	Ashley Fed 9-25-9-15 Sec 25 T09S R15E 2121 FSL 0630 FEL	
43-013-32949	Ashley Fed 10-25-9-15 Sec 25 T09S R15E 2082 FSL 1661 FEL	
43-013-32950	Ashley Fed 15-25-9-15 Sec 25 T09S R15E 0570 FSL 1822 FEL	
43-013-32951	Ashley Fed 16-25-9-15 Sec 25 T09S R15E 0708 FSL 0850 FEL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File – Ashley Unit  
Division of Oil Gas and Mining  
Central Files  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:11-2-05



**State of Utah**

**Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

November 2, 2005

Newfield Production  
Rt. #3, Box 3630  
Myton, UT 84052

Re: Ashley Federal 6-25-9-15 Well, 1546' FNL, 2069' FWL, SE NW, Sec. 25,  
T. 9 South, R. 15 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-32946.

Sincerely,

Gil Hunt  
Associate Director

pab  
Enclosures

cc: Duchesne County Assessor  
Bureau of Land Management, Vernal District Office

Operator: Newfield Production  
Well Name & Number Ashley Federal 6-25-9-15  
API Number: 43-013-32946  
Lease: UTU-66185

Location: SE NW                      Sec. 25                      T. 9 South                      R. 15 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

RECEIVED

AUG 04 2006

DIV. OF OIL, GAS &amp; MINING

RECEIVED

OCT 31 2005

BLM VERNAL, UTAH

Form 3160-3  
(September 2001)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED  
OMB No. 1004-0136  
Expires January 31, 2004

5. Lease Serial No.

UTU-66185

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

Ashley

8. Lease Name and Well No.

Ashley Federal 6-25-9-15

9. API Well No.

43-013-32946

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

SE/NW Sec. 25, T9S R15E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL☐ REENTER1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. \*)

At surface SE/NW 1546' FNL 2069' FWL

At proposed prod. zone

14. Distance in miles and direction from nearest town or post office\*

Approximatley 16.4 miles southwest of Myton, Utah

15. Distance from proposed\*

location to nearest  
property or lease line, ft.  
(Also to nearest drig. unit line, if any) Approx. 1546' f/ise, 3211' f/unit

16. No. of Acres in lease

2,286.43

17. Spacing Unit dedicated to this well

40 Acres

18. Distance from proposed location\*

to nearest well, drilling, completed,  
applied for, on this lease, ft. Approx. 870'

19. Proposed Depth

5700'

20. BLM/BIA Bond No. on file

UT0056

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

6176' GL

22. Approximate date work will start\*

1st Quarter 2006

23. Estimated duration

Approximately seven (7) days from spud to rig release.

## 24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature

Name (Printed/Typed)

Mandie Crozier

Date

10/28/05

Title

Regulatory Specialist

Approved by (Signature)

Name (Printed/Typed)

JERRY KENCZKA

Date

7-28-2006

Title

Assistant Field Manager  
Mineral Resources

Office

VERNAL FIELD OFFICE

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*(Instructions on reverse)

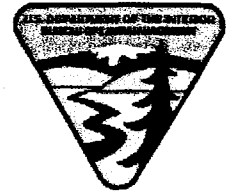
NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
VERNAL FIELD OFFICE  
170 South 500 East VERNAL, UT 84078 (435) 781-4400



**CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL**

Company: Newfield Production Company Location: SENW, Sec. 25, T9S, R15E  
Well No: Ashley Federal 6-25-9-15 Lease No: UTU-66185  
API No: 43-013-32946 Agreement: Ashley Unit

Petroleum Engineer:	Matt Baker	Office: 435-781-4490	Cell: 435-828-4470
Petroleum Engineer:	Michael Lee	Office: 435-781-4432	Cell: 435-828-7875
Supervisory Petroleum Technician:	Jamie Sparger	Office: 435-781-4502	Cell: 435-828-3913
Environmental Scientist:	Paul Buhler	Office: 435-781-4475	Cell: 435-828-4029
Environmental Scientist:	Karl Wright	Office: 435-781-4484	
Natural Resource Specialist:	Chris Carusona	Office: 435-781-4441	
Natural Resource Specialist:	Holly Villa	Office: 435-781-4404	
Natural Resource Specialist:	Melissa Hawk	Office: 435-781-4476	
Natural Resource Specialist:	Scott Ackerman	Office: 435-781-4437	
Natural Resource Specialist:	Nathaniel West	Office: 435-781-4447	
After hours contact number: (435) 781-4513		FAX: (435) 781-4410	

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR  
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.**

**NOTIFICATION REQUIREMENTS**

- |   |  |
|---|--|
| Location Construction<br>(Notify Chris Carusona)            | - Forty-Eight (48) hours prior to construction of location and access roads.   |
| Location Completion<br>(Notify Chris Carusona)              | - Prior to moving on the drilling rig.   |
| Spud Notice<br>(Notify Petroleum Engineer)                  | - Twenty-Four (24) hours prior to spudding the well.   |
| Casing String & Cementing<br>(Notify Jamie Sparger SPT)     | - Twenty-Four (24) hours prior to running casing and cementing all casing strings.   |
| BOP & Related Equipment Tests<br>(Notify Jamie Sparger SPT) | - Twenty-Four (24) hours prior to initiating pressure tests.   |
| First Production Notice<br>(Notify Petroleum Engineer)      | - Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days. |

**SURFACE USE PROGRAM  
CONDITIONS OF APPROVAL (COAs)**

**DRILLING AND CONSTRUCTION**

All applicable local, state, and/or federal laws, regulations, and/or statutes must be complied with.

In accordance with the Migratory Bird Treaty Act if a nest is found the operator shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer.

Prior to construction the operator must consult with the U.S. Army Corps of Engineers regarding compliance with Section 404 of the Clean Water Act.

Construction related traffic shall be restricted to approved routes. Cross-country vehicle travel shall not be allowed.

If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. may be needed to control the erosion. The operator shall submit a proposal to control erosion to the BLM.

The reserve pit shall be double lined with felt and a 12 ml or greater liner.

No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of four inches deep, the soil shall be deemed too wet to adequately support construction equipment.

The liner is to be cut at the level of the cuttings or treated to prevent the reemergence of the pit liner and pit material to the surface or its interference with long-term successful re-vegetation. Any excess liner material removed from the pit is to be disposed of at an authorized disposal site.

When the reserve pit contains fluids or toxic substances, the operator must ensure that animals do not ingest or become entrapped in pit fluids.

Drill cuttings and mud shall remain in the reserve pit until **DRY**. The reserve pit must be free of oil and other liquid and solid wastes, allowed to dry, be pumped dry, or solidified in-situ prior to filling. The reserve pit shall not be "squeezed," (filled with soil while still containing fluids) or "cut" (puncturing the pit liner while still containing fluids to allow pit fluids to drain from the pit). Prevent fill and stock piles from entering drainages.

**CULTURAL AND PALEONTOLOGICAL RESOURCES STIPULATION**

Any cultural and/or paleontological resource (historic or prehistoric site or object or fossil) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the authorized officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the authorized officer. An evaluation of the discovery shall be made by the authorized officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder shall be responsible for the cost of evaluation and a decision as to proper mitigation measures shall be made by the authorized officer after consulting with the holder.



The access road shall be crowned and ditched. Flat-bladed roads are **NOT** allowed.

Notify the Authorized Officer 48 hours prior to surface disturbing activities.

All well facilities not regulated by OSHA shall be painted Olive Black.

Following well plugging and abandonment, the location, access roads, pipelines, and other facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original contour; the top soil respread over the surface; and, the surface revegetated. The surface of approved staging areas where construction activities did not occur may require disking or ripping and reseeding.

Noxious weeds and any undesirable plants, as determined by the BLM, shall be controlled by the operator. The operator shall submit a pesticide use proposal to control weeds if they develop on the location or access road.

Trees must be removed from the location must be piled separately off location and saved for final reclamation purposes.

#### INTERIM RECLAMATION

Where possible, strip six inches of topsoil from the location as shown on the cut sheet. After the well is completed, the topsoil shall be spread and re-contoured on the location and immediately seeded with the seed mix below. Topsoil shall not be piled deeper than 2 feet.

Interim Reclamation Seed Mix for location:

Crested wheat grass <i>Agropyron cristatum</i>	4 lbs/acre
Per Live Seed Total	4 lbs/acre

Certified weed free seed and straw shall be used for final and interim reclamation. The operator shall submit a receipt with certification for the seed and any straw used on location.

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed it shall be re-contoured, then the area shall be seeded in the same manner as the topsoil.

There shall be no primary or secondary noxious weeds in the seed mixture.

The above listed seed mix shall be used to seed all unused portions of the pad including the topsoil and stock piles, and the reserve pits. Re-seeding may be required if the first seeding is not successful.

The seed shall be drilled or disked into the ground or hand broadcast onto the ground. Planting depth shall not exceed one-half inch using a seed drill. If the seed is hand broadcast then the seed mixture shall be doubled and the area raked or chained to cover the seed. Seeding shall be conducted in fall.

#### COMPLETION AND PRODUCTION

All Blow back fluids from completion operations shall be contained in such a manner that no oil reaches the reserve pit.

During all road building, pad construction, drilling, well completion, producing and abandonment activities, all gasoline, diesel powered equipment used must be equipped with approved spark arresters or mufflers.

Production facilities (including dikes) shall be placed on cut and a minimum of 20' from the toe of the backcut.

Pesticides may not be used to control undesirable woody and herbaceous vegetation, aquatic plants, insects, rodents, trash fish, etc., **without the prior written approval** of the BLM. A request for approval of planned uses of pesticides shall be submitted 4 months prior to the proposed starting date.

No production pits shall be allowed on the location.

Load outs shall be inside the dike. A drip barrel shall be installed under the end of the loadout line.

All production facilities, i.e. pump, pump house, storage tanks, oil-water separator, galvanized dikes, propane tanks, etc. shall be painted with a lusterless color (Olive Black). All facilities shall be painted within twelve (12) months of installation.

The well location shall be maintained in a clean environmentally friendly manner, using good house keeping practices.

Equipment not being used for production shall not be stored on the well location.

All oil and chemical barrels shall be labeled and have a spill containment device to protect soils from possible contamination.

#### ABANDONED WELL – FINAL RECLAMATION

A sundry notice shall be submitted to the BLM prior to abandonment, a final reclamation seed mix shall be designated at the time the sundry is approved.

The cut and fill slopes shall be recontoured to original contours. The entire disturbed area shall then be back-filled with topsoil, landscaped, seeded and fenced to exclude livestock. The fence shall remain in place. It shall be removed prior to approval of final abandonment.

The seed shall be drilled or hand broadcast and harrowed into the ground during September of the year following earthwork for initial or final reclamation. Planting depth shall not exceed one-half inch using a seed drill. Weed seed free mulch shall also be applied to the planting area sufficiently to uniformly cover 80% of the seeded area. Hydroseeding and mulching can also be used, but seeding rates will need to be doubled.

When seeding *Artemisia spp* or shrubs, broadcast seed and chain.

Final reclamation shall be a stage process:

If invasive or undesirable species are present in the area the location to be reclaimed will be sprayed with a pesticide in fall preferably October. (pesticide determined by the Vernal Field Office).

30 days after treatment drill seed the location with 4 lbs/acre Crested wheatgrass.

Once the desired pioneer species has established (2 yrs +) the seeded area shall be sprayed in a mosaic pattern with the above determined pesticide.

Reseed within 30 days with an approved native final reclamation seed mix.

Final reclamation will be considered complete once desired plants are > 5 plants per square meter and invasive or un-desirable species are < 100 plants per square meter.

LEASE STIPULATIONS:

UTU-66185

No occupancy or other surface disturbance in Sec. 25; NE, NENW, S2NW, S2 Sec. 26... T. 9 S., R. 15 E., SLM, Utah, will be allowed on slopes in excess of 40 percent, without written permission from the authorized office of the Bureau of Land Management.

In order to minimize watershed damage during the period from November 1 to April 30, exploration, drilling, and other development activity in Sec. 25; NE, NENW, S2NW, S2 Sec. 26; T. 9 S., R. 15 E., SLM, Utah, will be allowed only during dry soil periods, over a snow cover or frozen ground.

In order to protect big game seasonal wildlife habitat, exploration, drilling, and other development activity will be allowed only during the period from April 30 to November 1.

No drilling or construction from April 1 through July 15 to protect nesting prairie falcons. Crucial Deer and Elk Winter Range- No surface use December 1 through April 30.

UTU- 027345 (1 well)

No lease stipulations.

### **DOWNHOLE CONDITIONS OF APPROVAL**

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

#### **SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL**

- None

#### **DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS**

- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- **Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.**
- Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.
- All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.
- BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended

for more than 30 days, prior approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

- Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.
- Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.
- In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.
- **Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).**
- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.
- All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.
- Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be

submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- This APD is approved subject to the requirement that, shall the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - Operator name, address, and telephone number.
  - Well name and number.
  - Well location ( $\frac{1}{4}$  Sec., Twn, Rng, and P.M.).
  - Date well was placed in a producing status (date of first production for which royalty will be paid).
  - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - Unit agreement and / or participating area name and number, if applicable.
  - Communitization agreement number, if applicable.
- Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

## DIVISION OF OIL, GAS AND MINING

### ***SPUDDING INFORMATION***

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: ASHLEY FED 6-25-9-15

Api No: 43-013-32946 Lease Type: FEDERAL

Section 25 Township 09S Range 15E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

### **SPUDDED:**

Date 09/22/06

Time 4:30 PM

How DRY

***Drilling will Commence:*** \_\_\_\_\_

Reported by JOHNNY DAVIS

Telephone # (435) 823-3610

Date 09/25/06 Signed CHD



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No. **UTU-66185**

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
**ASHLEY PA A**

8. Well Name and No.  
**ASHLEY 6-25-9-15**

9. API Well No.  
**4301332946**

10. Field and Pool, or Exploratory Area  
**MONUMENT BUTTE**

11. County or Parish, State  
**, UT**

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

**NEWFIELD PRODUCTION COMPANY**

3a. Address Route 3 Box 3630

**Myton, UT 84052**

3b. Phone (include area code)

**435.646.3721**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Section T R **S-25 T09S R15E**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	<u>Spud Notice</u>
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 9-22-06 MIRU NDSI spud rig #1. Drill 320' of 12 1/4" hole with air mist. TIH W/7 Jt's 8 5/8" J-55 24# csgn. Set @ 322.77'. On 9-25-06 Cement with 160 sks of Class "G" w/ 2% CaCL+ 1/4# Cello Flake. Mixed @ 15.8 ppg> 1.17 cf/sk yeild. Returned 5 bbls cement to pit.

I hereby certify that the foregoing is true and  
correct (Printed/ Typed)

**Johnny Davis**

Signature



Title

**Drilling Foreman**

Date

**09/25/2006**

Approved by \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

**RECEIVED**

**SEP 26 2006**

**DIV. OF OIL, GAS & MINING**

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

RECEIVED  
SEP 27 2006

DIV. OF OIL, GAS & MINING

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3630  
MYTON, UT 84052

OPERATOR ACCT. NO. N2605

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	15675	43-013-32945	Ashley Federal 3-25-9-15	NE/NW	25	9S	15E	DUCHESNE	09/21/06	9/28/06
WELL 1 COMMENTS: GRU											
A	99999	15676	43-013-32946	Ashley Federal 6-25-9-15	SE/NW	25	9S	15E	DUCHESNE	09/22/06	9/28/06
WELL 2 COMMENTS: GRU											
A	99999	15677	43-013-32885	Ashley Federal 5-25-9-15	SW/NW	25	9S	15E	DUCHESNE	09/25/06	9/28/06
WELL 3 COMMENTS: GRU											
A	99999	15678	43-013-32902	Ashley Federal 9-25-9-15	NE/SE	26	9S	15E	DUCHESNE	09/26/06	9/28/06
WELL 4 COMMENTS: GRU											
WELL 5 COMMENTS:											
WELL 6 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENTS section to explain why each Action Code was selected.

*Lana Nebeker*  
Signature

LANA NEBEKER

Production Analyst  
Title

September 27, 2006  
Date

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPlicate - Other instructions on reverse side

1. Type of Well  
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630  
Myton, UT 84052

3b. Phone (include area code)  
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1546 FNL 2069 FWL  
SENW Section 25 T9S R15E

5. Lease Serial No.  
USA UTU-66185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or  
ASHLEY PA A

8. Well Name and No.  
ASHLEY FEDERAL 6-25-9-15

9. API Well No.  
4301332946

10. Field and Pool, or Exploratory Area  
MONUMENT BUTTE

11. County or Parish, State  
DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

I hereby certify that the foregoing is true and correct (Printed/ Typed) Mandie Crozier	Title Regulatory Specialist
Signature <i>Mandie Crozier</i>	Date 11/09/2006

THIS SPACE FOR FEDERAL OR STATE OFFICIAL USE

Approved by.....	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

NOV 15 2006

DIV. OF OIL, GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires January 31, 2004

**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.

UTU 106185

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

ASHLEY PA A

8. Well Name and No.

ASHLEY 6-25-9-15

9. API Well No.

4301332946

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include are code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SENW Section 25 T9S R15E

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production(Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 10/6/06 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 278'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5700'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 129jt's of 5.5 J-55, 15.5# csgn. Set @ 5684.53' KB. Cement with 330 sks cement mixed @ 11.0 ppg & 3.43 yld. The 450 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 53 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 84,000 #'s tension. Release rig @ 12:30 AM 10/12/06.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Don Bastian

Signature

*Don Bastian*

Title

Drilling Foreman

Date

10/11/2006

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on reverse)

RECEIVED

OCT 13 2006

DIV. OF OIL, GAS & MINING

# NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5684.53

LAST CASING 8 5/8" SET AT 323  
 DATUM 12' KB  
 DATUM TO CUT OFF CASING 12'  
 DATUM TO BRADENHEAD FLANGE \_\_\_\_\_  
 TO DRILLER 5700' LOGGE 5700'  
 HOLE SIZE 7 7/8"

Flt cllr @ 5663.16'  
 OPERATOR Newfield Production Company  
 WELL Ashley Federal 6-25-9-15  
 FIELD/PROSPECT Monument Butte  
 CONTRACTOR & RIG # NDSI rig #2

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 6.36' (3632')					
128	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	5651.16
							0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	20.12
		<b>GUIDE</b> shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			5686.53
TOTAL LENGTH OF STRING		5686.53	135	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		222.7	5	CASING SET DEPTH			<b>5684.53</b>
TOTAL		<b>5893.98</b>	134	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		58993.98	134				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB <u>Yes</u>			
BEGIN RUN CSG.		2:00PM	10/11/2006	Bbls CMT CIRC TO SURFACE <u>53</u>			
CSG. IN HOLE		4:30 PM	10/11/2006	RECIPROCATED PIPE FOR <u>THRUSTROKE</u>			
BEGIN CIRC		5:00 PM	10/11/2006	DID BACK PRES. VALVE HOLD ? <u>Yes</u>			
BEGIN PUMP CMT		6:09 PM	10/11/2006	BUMPED PLUG TO <u>2260</u> PSI			
BEGIN DSPL. CMT		7:08 PM	10/11/2006				
PLUG DOWN		7:30 PM	10/11/2006				
CEMENT USED		CEMENT COMPANY- <b>B. J.</b>					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	330	Premilite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake					
		mixed @ 11.0 ppg W / 3.43 cf/sk yield					
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD					
CENTRALIZER & SCRATCHER PLACEMENT			SHOW MAKE & SPACING				
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.							

COMPANY REPRESENTATIVE Don Bastian DATE 10/11/2006

**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NUMBER: USA UTU-66185
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME: ASHLEY PA A
PHONE NUMBER 435.646.3721		8. WELL NAME and NUMBER: ASHLEY FEDERAL 6-25-9-15
4. LOCATION OF WELL: FOOTAGES AT SURFACE:		9. API NUMBER: 4301332946
OTR/OTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENW, 25, T9S, R15E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

**11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate)  Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only)  Date of Work Completion: 11/15/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Status report for time period 10/24/06 - 11/07/06

Subject well had completion procedures initiated in the Green River formation on 10-24-06 without the use of a service rig over the well. A cement bond log was run and a total of five Green River intervals were perforated and hydraulically fracture treated with 20/40 mesh sand. Perforated intervals are as follows: Stage #1 (5216'-5223'), (5129'-5138'); Stage #2 (5006'-5016'), (4980'-4989'); Stage #3 (4596'-4603'); Stage #4 (4341'-4347'), (4319'-4327'); Stage #5 (4122'-4130'). All perforations, were 4 JSPF. Composite flow-through frac plugs were used between stages. Fracs were flowed back through chokes. A service rig was moved over the well on 11-02-2006. Bridge plugs were drilled out and well was cleaned to 5653'. Zones were swab tested for sand cleanup. A new 1 1/2" bore rod pump was run in well on sucker rods. Well was placed on production via rod pump on 11-07-2006.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 11/15/2006

(This space for State use only)

RECEIVED

NOV 21 2006

DIV. OF OIL, GAS & MINING

**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.

**UTU-66185**

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
**NA**

**1a. TYPE OF WORK**

OIL WELL ☒ GAS WELL ☐ DRY ☐ Other \_\_\_\_\_

**1b. TYPE OF WELL**

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR. ☐ Other \_\_\_\_\_

7. UNIT AGREEMENT NAME

**Ashley**

8. FARM OR LEASE NAME, WELL NO.

**Ashley Federal 6-25-9-15**

2. NAME OF OPERATOR

**Newfield Exploration Company**

9. WELL NO.

**43-013-32946**

3. ADDRESS AND TELEPHONE NO.

**1401 17th St. Suite 1000 Denver, CO 80202**

10. FIELD AND POOL OR WILDCAT

**Monument Butte**

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)\*

At Surface **804' FSL & 1799' FWL (SE/SW) Sec. 27, T9S, R15E**

At top prod. Interval reported below

**1546 FNL 2069 FWL**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

**Sec. 25, T9S, R15E**

At total depth

14. API NO.

**43-013-32946**

DATE ISSUED

**11/02/05**

12. COUNTY OR PARISH

**Duchesne**

13. STATE

**UT**

15. DATE SPUDDED

**9/22/06**

16. DATE T.D. REACHED

**10/10/06**

17. DATE COMPL. (Ready to prod.)

**11/07/06**

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

**6176' GL**

19. ELEV. CASINGHEAD

**6188' KB**

20. TOTAL DEPTH, MD & TVD

**5700'**

21. PLUG BACK T.D., MD & TVD

**5653'**

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

**----->**

ROTARY TOOLS

**X**

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)\*

**Green River 4122'-5223'**

25. WAS DIRECTIONAL SURVEY MADE

**No**

26. TYPE ELECTRIC AND OTHER LOGS RUN

**Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log**

27. WAS WELL CORED

**No**

**23. CASING RECORD (Report all strings set in well)**

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	323'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	5685'	7-7/8"	330 sx Premite II and 450 sx 50/50 Poz	

**29. LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @	TA @
						5284'	5185'

**31. PERFORATION RECORD (Interval, size and number)**

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP.5, LODC) 5216'-5223', 5129'-5138'	.46"	4/64	5223'-5129'	Frac w/ 24,055# 20/40 sand in 329 bbls fluid
(LODC) 5006'-16,4980'-89"	.43"	4/76	5016'-4980'	Frac w/ 75,092# 20/40 sand in 567 bbls fluid
(B2) 4596'-4603'	.43"	4/28	4596'-4603'	Frac w/ 24,277# 20/40 sand in 324 bbls fluid
(D2) 4341'-47,4319'-4327'	.43"	4/56	4347'-4319'	Frac w/ 27,462# 20/40 sand in 335 bbls fluid
(PB11) 4122'-4130'	.43"	4/32	4122'-4130'	Frac w/30,307# 20/40 sand in 331 bbls fluid

**33.\* PRODUCTION**

DATE FIRST PRODUCTION 11/07/06		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-1/2" x 15' RHAC SM Plunger Pump					WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 30 day ave		HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD ---->	OIL--BBLs. 20	GAS--MCF. 8	WATER--BBL. 83	GAS-OIL RATIO 400
FLOW. TUBING PRESS.		CASING PRESSURE	CALCULATED 24-HOUR RATE ---->	OIL-BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)	
NOV 24 2006								

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

**Sold & Used for Fuel**

TEST WITNESSED BY

**35. LIST OF ATTACHMENTS**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

*Jeffrey Park*  
Jeffrey Park

TITLE

**Production Clerk**

DATE

**11/22/2006**

JP

\*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Ashley 6-25-9-15	Garden Gulch Mkr	3325'	
				Garden Gulch 1	3531'	
				Garden Gulch 2	3636'	
				Point 3 Mkr	3879'	
				X Mkr	4148'	
				Y-Mkr	4183'	
				Douglas Creek Mkr	4279'	
				BiCarbonate Mkr	4429'	
				B Limestone Mkr	4612'	
				Castle Peak	5181'	
				Basal Carbonate	5628'	
				Total Depth (LOGGERS)	5700'	



STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING  
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
ADDRESS: RT. 3 BOX 3639  
MYTON, UT 84652

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RS	COUNTY		
C	15675	12419	4301332945	ASHLEY FEDERAL 3-25-9-15	NENW	25	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: <u>GRUV</u> ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006											
C	15653	12419	4301332903	ASHLEY FEDERAL 10-26-9-15	NW/SE	26	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: <u>GRUV</u> ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006											
C	15676	12419	4301332946	ASHLEY FEDERAL 8-25-9-15	SE/NW	25	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: <u>GRUV</u> ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006											
C	15678	12419	4301332902	ASHLEY FEDERAL 9-26-9-15	NE/SE	26	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: <u>GRUV</u> ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006											
C	15677	12419	430133885	ASHLEY FEDERAL 5-25-9-15	SW/NW	25	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: <u>GRUV</u> ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006											
C	15686	12419	4301332883	ASHLEY FEDERAL 2-25-9-15	NW/NE	25	9S	15E	DUCHESNE		2/13/07
WELL 5 COMMENT: <u>GRUV</u> ASHLEY PA 'AB' 1ST REVISION EFFECTIVE 10-1-2006											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comment section)

NOTE: Use COMMENT section to explain why each Action Code was selected

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FEB 14 2007

DIV. OF OIL, GAS & MINING

RECEIVED

JAN 14 2007

DIV. OF OIL, GAS & MINING

Lana N. Nebeker  
Signature

Production Analyst

Title

February 12, 2006

Date



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3180  
UT-922

FEB 02 2007

RECEIVED

FEB 07 2007

Newfield Exploration Company  
Attn: Laurie Deseau  
1401 Seventeenth Street, Suite 1000  
Denver, CO 80202

DIV. OF OIL, GAS & MINING

Re: 1st Revision Consolidated  
Green River Formation PA "A, B"  
Ashley Unit  
Duchesne County, Utah

The 1st Revision of the Consolidated Green River Formation "A,B" Ashley Unit, CRS UTU73520C, is hereby approved effective as of October 1, 2006, pursuant to Section 11 of the Ashley Unit Agreement, Duchesne County, Utah.

The 1st Revision of the Consolidated Green River Formation PA "A, B" results in a Participating Area of 7,350.49 acres, and is based upon the completion of the following wells as being capable of producing unitized substances in paying quantities:

WELL NO.	APIN NO.	LOCATION	LEASE NO.
15-24	43-013-32943	SWSE, 24-9S-15E	UTU02458
16-24	43-013-32944	SESE, 24-9S-15E	UTU02458
16-27	43-013-32881	SESE, 27-9S-15E	UTU66185
14-26	43-013-32907	SESW, 26-9S-15E	UTU66185
13-26	43-013-32906	SWSW, 26-9S-15E	UTU66185
15-26	43-013-32908	SWSE, 26-9S-15E	UTU66185
11-26	43-013-32904	NESW, 26-9S-15E	UTU66185
3-25	43-013-32945	NENW, 25-9S-15E	UTU66185
10-26	43-013-32903	NWSE, 26-9S-15E	UTU66185
6-25	43-013-32946	SENW, 25-9S-15E	UTU66185
9-26	43-013-32902	NESE, 26-9S-15E	UTU66185
5-25	43-013-32885	SWNW, 25-9S-15E	UTU66185
2-25	43-013-32883	NWNE, 25, 9S-15E	UTU66185
11-25	43-013-32905 32910	NWSW, 26, 9S-15E	UTU66185
9-25	43-013-32948	NESE, 25, 9S-15E	UTU66185
15-25	43-013-32950	SWSE, 25, 9S-15E	UTU66185

Copies of the approved request are being distributed to the appropriate agencies and one copy is returned herewith. Please advise all interested parties of the approval of the 1st Revision of the Consolidated Green River PA "A, B", Ashley Unit.

Sincerely,

*/s/ Douglas F. Cook*

Douglas F. Cook  
Chief, Branch of Fluid Minerals

bcc: Division of Oil, Gas & Mining  
SITLA  
Ashley Unit w/enclosure  
MMS - Data Management Division (Attn: James Sykes)  
Field Manager - Vernal w/enclosure  
Agr. Sec. Chron.  
Central Files  
CSeare:cs (01/31/06)Ashley Consolidated PA "A, B"1st.Rev.

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>			
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185			
<b>1. TYPE OF WELL</b> Oil Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>			
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)			
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 6-25-9-15			
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1546 FNL 2069 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 25 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013329460000			
<b>5. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE		<b>6. COUNTY:</b> DUCHESNE			
<b>7. STATE:</b> UTAH					
<b>11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA</b>					
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>				
<input checked="" type="checkbox"/> <b>NOTICE OF INTENT</b> Approximate date work will start: 1/16/2014  <input type="checkbox"/> <b>SUBSEQUENT REPORT</b> Date of Work Completion:  <input type="checkbox"/> <b>SPUD REPORT</b> Date of Spud:  <input type="checkbox"/> <b>DRILLING REPORT</b> Report Date:	<table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input type="checkbox"/> PRODUCTION START OR RESUME  <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER         </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION            OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input checked="" type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
<b>12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.</b> Newfield proposes to perforate and fracture stimulate the following: C Sand 4582-4597 with in the current production formation (Green River).					
Accepted by the <b>Utah Division of          Oil, Gas and Mining</b>		<b>Date:</b> January 16, 2014 <b>By:</b> <u>Derek Quist</u>			
<b>NAME (PLEASE PRINT)</b> Mandie Crozier		<b>PHONE NUMBER</b> 435 646-4825			
<b>SIGNATURE</b> N/A		<b>TITLE</b> Regulatory Tech  <b>DATE</b> 1/16/2014			

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
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<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 6-25-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1546 FNL 2069 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 25 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013329460000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 10/14/2014	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS
	<input checked="" type="checkbox"/> CHANGE WELL STATUS
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input checked="" type="checkbox"/> CONVERT WELL TYPE
	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME
	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF
	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION
	<input type="checkbox"/> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 10/10/2014. On 10/10/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/14/2014 the casing was pressured up to 1428 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 200 psig during the test. There was not a State representative available to witness the test.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining**

**Date:** October 15, 2014  
**By:** [Signature]

<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 10/15/2014	

# Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company

Rt. 3 Box 3630  
Myton, UT 84052  
435-646-3721

Witness: \_\_\_\_\_ Date 10/14/14 Time 10:45 am pm  
Test Conducted by: Jonny Daniels  
Others Present: \_\_\_\_\_

Well: Ashley 16-25-9-15

Field: GMBU

Well Location: SE/NW Sec 25, T9S, R15E  
Duchesne County

API No: 43-013-32946

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1428</u>	psig
5	<u>1428</u>	psig
10	<u>1428</u>	psig
15	<u>1428</u>	psig
20	<u>1429</u>	psig
25	<u>1429</u>	psig
30 min	<u>1428</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 200 psig

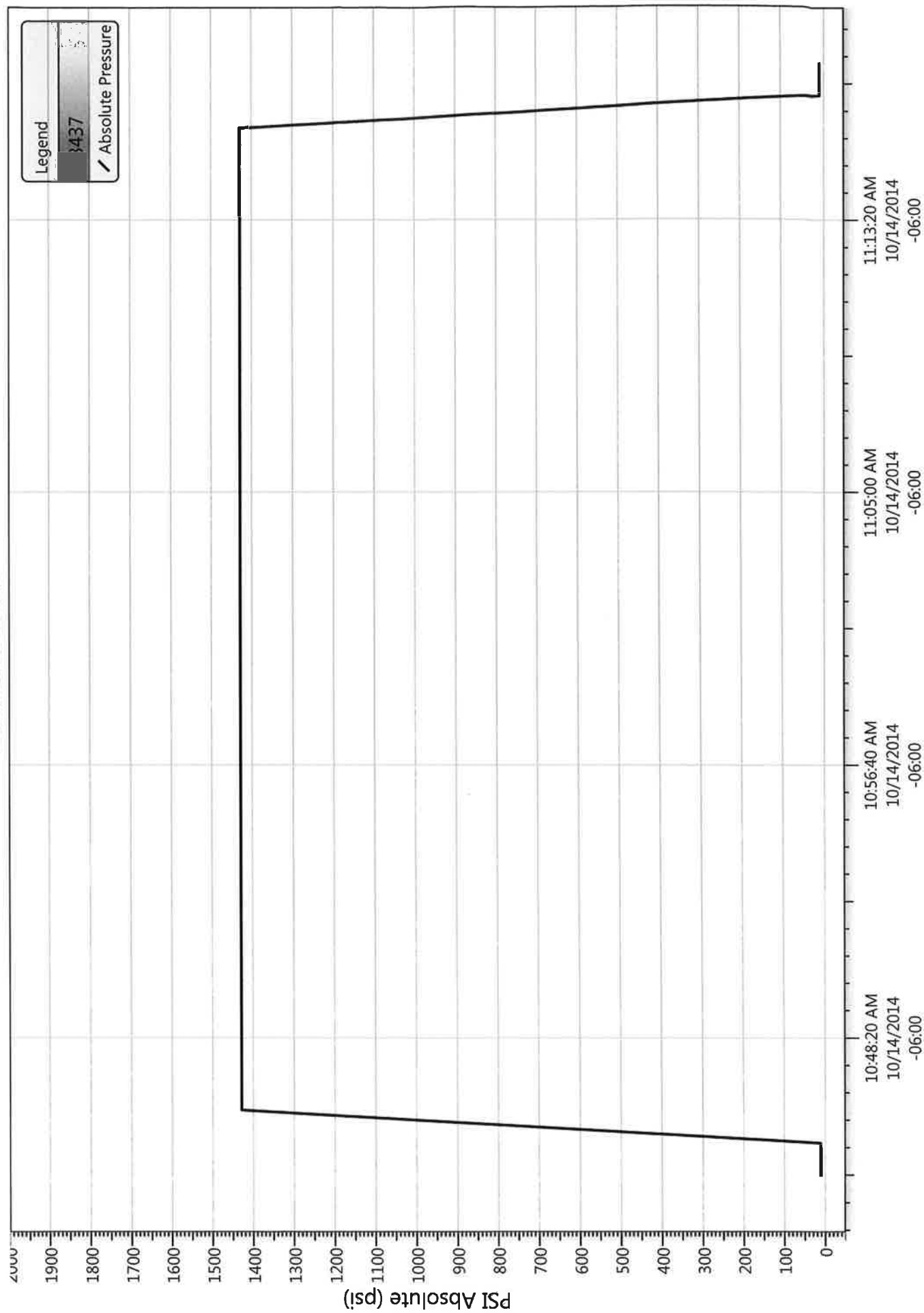
Result: Pass Fail

Signature of Witness: \_\_\_\_\_

Signature of Person Conducting Test: Jonny Daniels

# Ashley Federal 6-25-9-15 MIT

10/14/2014 10:44:04 AM





## Job Detail Summary Report

Well Name: Ashley 6-25-9-15

Jobs		Job Start Date	Job End Date
Primary Job Type	Conversion	10/6/2014	10/14/2014

Daily Operations			
Report Start Date	Report End Date	24hr Activity Summary	
10/6/2014	10/6/2014	MIRU	
Start Time	10:00	End Time	13:00
Comment: LOAM FROM 4-22-9-15 TO 6-25-9-15 MIRU, RD PUMPING UNIT, PUMP 60 BBLs DOWN CSG, UNSEAT PUMP W/8000 OVER STRING WT, FLUSH RODS W/ 30 BBLs, RESEAT PUMP SOFT SEAT & TEST TO 3000 PSI W/15 BBLs.			
Start Time	13:00	End Time	15:30
Comment: TOOHL D RODS AS FOLLOWS, POLISH ROD, 2-8X7/8 PONY RODSM, 101 3/4 GUIDED RODS, 71 3/4 SLICK RODS, 30 3/4 GUIDES			
Start Time	15:30	End Time	17:30
Comment: X-OVER TO TBG EQUIP, ND WELL HEAD, RELEASE TAC, NU BOPS, RU FLOOR & TBG WORKS, TOOHL BREAKING & REDOPING EVERY COLLAR ON A TOTAL OF 36 JTS SWIFN			
Start Time	17:30	End Time	18:30
Comment: CREW TRAVEL			
CONT TO BREAK & REDOPE COLLARS			
Report Start Date	Report End Date	24hr Activity Summary	
10/7/2014	10/7/2014		
Start Time	06:00	End Time	07:00
Comment: CREW TRAVEL & SAFETY MTG			
Start Time	07:00	End Time	12:00
Comment: CONT TOOHL BREAKING & REDOPING EVERY COLLAR ON TOTAL OF 128 JTS LD 39 JTS & BHA FLUSH W/ TOTAL OF 50 BBLs ON TOOHL			
Start Time	12:00	End Time	14:00
Comment: PU & TIH W PKR ASSY & TBG AS FOLLOWS WIRE LINE RE-ENTRY GUIDE, XN NIPPLE, PUP JT X-OVER, AS1-PKR, ON OFF TOOL, PSN 128 JTS PUMP 10 BBL PAD DROP SV PRESS UP TO 3000 W/23 BBLs LOST 1500 PSI IN 20 MIN			
Start Time	14:00	End Time	18:00
Comment: BLEED OFF WELL PRES UP TBG BREAK OFF HARD LINE INSPECT ISOLATION T VALVE GOOD STILL LOOSING, BLEED DOWN WELL, FISH SV, DROP NEW SV PRESS UP TO 3000 LOST 100 PSI IN 5 MIN, BLEED DOWN WELL, TOOHL W/20 JTS PRESS UP TO 3000 PSI LOST 200 PSI IN 5 MIN, TOOHL W/ TOTAL OF 40 JTS PRESS UP TO 3000 PSI LOST 100 PSI IN 1 MIN, TOOHL W/TOTAL OF 60 JTS PRESS UP TO 3000 PSI LOST 100 PSI IN 45 SEC TOOHL W/ TOTAL OF 80 JTS PRESS UP TO 3000 PSI LOST 100 PSI IN 30 SEC, TOOHL W/ TOTAL OF 104 JTS PRESS TEST 24 JTS TO 3000 PSI LOST 50 PSI IN 5 MIN CHECK IN AM			
Start Time	18:00	End Time	19:00
Comment: CREW TRAVEL			
CONT LOOKING FOR LEAK			
Report Start Date	Report End Date	24hr Activity Summary	
10/8/2014	10/8/2014		
Start Time	06:00	End Time	07:00
Comment: TRAVEL & SAFETY MTG			
Start Time	07:00	End Time	12:00
Comment: CHK PRESS ON WELL 3000 GOOD TEST W/ 24 JTS IN HOLE, TIH W/ TOTAL OF 34 JTS PRESS UP TBG TO 3000 PSI GET GOOD TEST, TIH W/TOTAL 44 JTS PRESS UP TO 3000 PSI LOST 100 PSI IN 40 SEC, TOOHL 2 JTS TEST W/ TOTAL 42 JTS IN HOLE, NO TEST, TOOHL W/2 JTS FIND COLLAR LEAK IN JT 41, REPLACE COLLAR NO TEST, REPLACE JT			
Start Time	12:00	End Time	14:30
Comment: PRESS UP TBG TO 3000 PSI GET GOOD TEST			
Start Time	14:30	End Time	15:00
Comment: RU SL TIH W/ OVER SHOT LATCH ON TO SV, PART SL			



**NEWFIELD****Job Detail Summary Report****Well Name: Ashley 6-25-9-15**

				Start Time	15:00	End Time	17:00	Comment
				Start Time	17:00	End Time	18:00	Comment
				Report Start Date	10/9/2014	24hr Activity Summary	SPLICE SL	CREW TRAVEL
				Start Time	06:00	End Time	07:00	Comment
				Start Time	07:00	End Time	12:00	Comment
				Start Time	12:00	End Time	17:00	Comment
				FISH STANDING VALVE ND BOPS LAND TBG W/B-1 ADAPTOR FLANGE, PUMP 60 BBLs FRESH WATER & PKR FLUID, SET AS-1 PKR W/ 15000 TENSION, LAND TBG W/ INJ TREE, NU WELL HEAD W/PSN @4048.24, PKR CE @4054.47, EOT @4063.99'				
				PRESS UP CSG TO 1400 PSI W/5 BBLs LOST 200 PSI FIRST HR, LOST 75 PSI 2ND HR CHECK PRESS & GET MIT IN THE AM SWIFN				
				Start Time	17:00	End Time	18:00	Comment
				Report Start Date	10/10/2014	24hr Activity Summary	MIT	CREW TRAVEL
				Start Time	06:00	End Time	07:00	Comment
				Start Time	07:00	End Time	10:00	Comment
				Report Start Date	10/14/2014	24hr Activity Summary	CONDUCT MIT	CREW TRAVEL & SAFETY MTG
				Start Time	10:45	End Time	11:15	Comment
				On 10/10/2014 Richard Powell with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 10/14/2014 the casing was pressured up to 1374 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 100 psig during the test. There was not a State representative available to witness the test.				

## NEWFIELD

## Schematic

Well Name: Ashley 6-25-9-15

Surface Legal Location 25-9S-15E		API/UWI 43013329460000		Well RC 500159068	Lease	State/Province Utah	Field Name GMBU CTB3	County DUCHESNE
Spud Date	Rig Release Date	On Production Date 11/7/2006	Original KB Elevation (ft) 6,188	Ground Elevation (ft) 6,176	Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB)	Original Hole - 5,653.0

## Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 10/6/2014	Job End Date 10/14/2014
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TD: 5,700.0

Vertical - Original Hole, 10/15/2014 10:23:21 AM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (° ...)	
12.1				<p>1; Surface; 8 5/8 in; 8.097 in; 12-320 ftKB; 307.86 ft</p> <p>3-1; Tubing; 2 7/8; 2.441; 12-4,048; 4,036.24</p> <p>3-2; Pump Seating Nipple; 2 7/8; 2.270; 4,048-4,049; 1.10</p> <p>3-3; On-Off Tool; 4.52; 1.875; 4,049-4,051; 1.45</p> <p>3-4; Packer; 4 5/8; 2.441; 4,051-4,058; 6.95</p> <p>3-5; Cross Over; 3.64; 1.991; 4,058-4,058; 0.40</p> <p>3-6; Tubing Pup Joint; 2 3/8; 1.991; 4,058-4,062; 4.15</p> <p>3-7; XN Nipple; 2 3/8; 1.875; 4,062-4,063; 0.91</p> <p>3-8; Wireline Guide; 3 1/8; 1.991; 4,063-4,064; 0.39</p> <p>Perforated; 4,122-4,130; 10/30/2006</p> <p>Perforated; 4,319-4,347; 10/30/2006</p> <p>Perforated; 4,596-4,603; 10/30/2006</p> <p>Perforated; 4,980-5,016; 10/30/2006</p> <p>Perforated; 5,129-5,223; 10/30/2006</p> <p>2; Production; 5 1/2 in; 4.950 in; 12-5,685 ftKB; 5,672.46 ft</p>
20.0				
319.2				
319.9				
4,048.2				
4,049.2				
4,050.9				
4,057.7				
4,058.1				
4,062.3				
4,063.3				
4,063.6				
4,122.0				
4,129.9				
4,318.9				
4,347.1				
4,596.1				
4,603.0				
4,980.0				
5,016.1				
5,128.9				
5,223.1				
5,652.9				
5,663.1				
5,663.7				
5,683.7				
5,684.4				
5,700.1				

**NEWFIELD****Newfield Wellbore Diagram Data  
Ashley 6-25-9-15**

Surface Legal Location 25-9S-15E				API/UWI 43013329460000		Lease	
County DUCHESNE		State/Province Utah		Basin		Field Name GMBU CTB3	
Well Start Date 9/22/2006		Spud Date		Final Rig Release Date		On Production Date 11/7/2006	
Original KB Elevation (ft) 6,188	Ground Elevation (ft) 6,176	Total Depth (ftKB) 5,700.0		Total Depth All (TVD) (ftKB)		PBTD (All) (ftKB) Original Hole - 5,653.0	

Casing Strings						
Csg Des	Run Date	OD (in)	ID (in)	Wt/Len (lb/ft)	Grade	Set Depth (ftKB)
Surface	9/22/2006	8 5/8	8.097	24.00	J-55	320
Production	10/11/2006	5 1/2	4.950	15.50	J-55	5,685

Cement				
String: Surface, 320ftKB 9/25/2006				
Cementing Company BJ Services Company	Top Depth (ftKB) 12.0	Bottom Depth (ftKB) 320.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 2% CaCL2 + 1/4#/sk Cello-Flake mixed	Fluid Type Lead	Amount (sacks) 160	Class G	Estimated Top (ftKB) 12.0
String: Production, 5,685ftKB 10/11/2006				
Cementing Company BJ Services Company	Top Depth (ftKB) 20.0	Bottom Depth (ftKB) 5,700.0	Full Return?	Vol Cement Ret (bbl)
Fluid Description 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/4#s/sk Cello Flake	Fluid Type Lead	Amount (sacks) 330	Class Premlite II	Estimated Top (ftKB) 20.0
Fluid Description 2% Gel + 3% KCL, .5%EC1,1/4# sk C.F. 2% gel. 3% SM mixed	Fluid Type Tail	Amount (sacks) 450	Class 50/50 poz	Estimated Top (ftKB) 2,500.0

Tubing Strings								
Tubing Description Tubing		Run Date 10/9/2014	Set Depth (ftKB) 4,063.6					
Item Des	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)
Tubing	128	2 7/8	2.441	6.50	J-55	4,036.24	12.0	4,048.2
Pump Seating Nipple	1	2 7/8	2.270			1.10	4,048.2	4,049.3
On-Off Tool	1	4.515	1.875			1.45	4,049.3	4,050.8
Packer	1	4 5/8	2.441			6.95	4,050.8	4,057.7
Cross Over	1	3.635	1.991			0.40	4,057.7	4,058.1
Tubing Pup Joint	1	2 3/8	1.991			4.15	4,058.1	4,062.3
XN Nipple	1	2 3/8	1.875			0.91	4,062.3	4,063.2
Wireline Guide	1	3 1/8	1.991			0.39	4,063.2	4,063.6

Rod Strings							
Rod Description		Run Date	Set Depth (ftKB)				
Item Des	Jts	OD (in)	Wt (lb/ft)	Grade	Len (ft)	Top (ftKB)	Btm (ftKB)

Perforation Intervals							
Stage#	Zone	Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Phasing (")	Nom Hole Dia (in)	Date
5	PB11, Original Hole	4,122	4,130	4			10/30/2006
4	D2, Original Hole	4,319	4,347	4			10/30/2006
3	B2, Original Hole	4,596	4,603	4			10/30/2006
2	LODC, Original Hole	4,980	5,016	4			10/30/2006
1	LODC, CP .5, Original Hole	5,129	5,223	4			10/30/2006

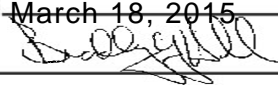
  

Stimulations & Treatments							
Stage#	ISIP (psi)	Frac Gradient (psi/ft)	Max Rate (bbl/min)	Max PSI (psi)	Total Clean Vol (bbl)	Total Slurry Vol (bbl)	Vol Recov (bbl)
3	2,180	0.98	25.1	2,540			
3	2,180	0.98	25.1	2,540			
3	2,180	0.98	25.1	2,540			
3	2,180	0.98	25.1	2,540			
3	2,180	0.98	25.1	2,540			

Proppant	
Stage#	Total Prop Vol Pumped (lb)
3	Proppant White Sand 183193 lb
3	Proppant White Sand 183193 lb
3	Proppant White Sand 183193 lb
3	Proppant White Sand 183193 lb
3	Proppant White Sand 183193 lb



<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		<b>5. LEASE DESIGNATION AND SERIAL NUMBER:</b> UTU-66185
<b>1. TYPE OF WELL</b> Water Injection Well		<b>6. IF INDIAN, ALLOTTEE OR TRIBE NAME:</b>
<b>2. NAME OF OPERATOR:</b> NEWFIELD PRODUCTION COMPANY		<b>7. UNIT or CA AGREEMENT NAME:</b> GMBU (GRRV)
<b>3. ADDRESS OF OPERATOR:</b> Rt 3 Box 3630, Myton, UT, 84052		<b>8. WELL NAME and NUMBER:</b> ASHLEY FED 6-25-9-15
<b>4. LOCATION OF WELL</b> <b>FOOTAGES AT SURFACE:</b> 1546 FNL 2069 FWL <b>QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:</b> Qtr/Qtr: SENW Section: 25 Township: 09.0S Range: 15.0E Meridian: S		<b>9. API NUMBER:</b> 43013329460000
<b>PHONE NUMBER:</b> 435 646-4825 Ext		<b>9. FIELD and POOL or WILDCAT:</b> MONUMENT BUTTE
<b>COUNTY:</b> DUCHESNE		<b>STATE:</b> UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
<b>TYPE OF SUBMISSION</b>	<b>TYPE OF ACTION</b>	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 3/13/2015	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px;"></span>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 1:45 PM on 03/13/2015</p> </div> <div style="width: 35%; text-align: right;"> <p><b>Accepted by the Utah Division of Oil, Gas and Mining</b></p> <p><b>Date:</b> <u>March 18, 2015</u></p> <p><b>By:</b> </p> </div> </div>		
<b>NAME (PLEASE PRINT)</b> Lucy Chavez-Naupoto	<b>PHONE NUMBER</b> 435 646-4874	<b>TITLE</b> Water Services Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 3/16/2015	



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

## UNDERGROUND INJECTION CONTROL PERMIT

Cause No. UIC-424

**Operator:** Newfield Production Company  
**Well:** Ashley Federal 6-25-9-15  
**Location:** Section 25, Township 9 South, Range 15 East  
**County:** Duchesne  
**API No.:** 43-013-32946  
**Well Type:** Enhanced Recovery (waterflood)

### Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on September 15, 2014.
2. Maximum Allowable Injection Pressure: 1,976 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,642' – 5,653')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:

  
John Rogers  
Associate Director

Date

11/13/2014

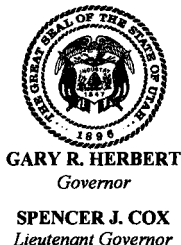
JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Jill Loyle, Newfield Production Company, Denver  
Newfield Production Company, Myton  
Duchesne County  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC\Newfield







GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

September 15, 2014

Newfield Production Company  
1001 Seventeenth Street, Suite 2000  
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Ashley Federal 6-25-9-15, Section 25, Township 9 South, Range 15 East, SLBM, Duchesne County, Utah, API Well # 43-013-32946

Newfield Production Company:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,642 feet in the Ashley Federal 6-25-9-15 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

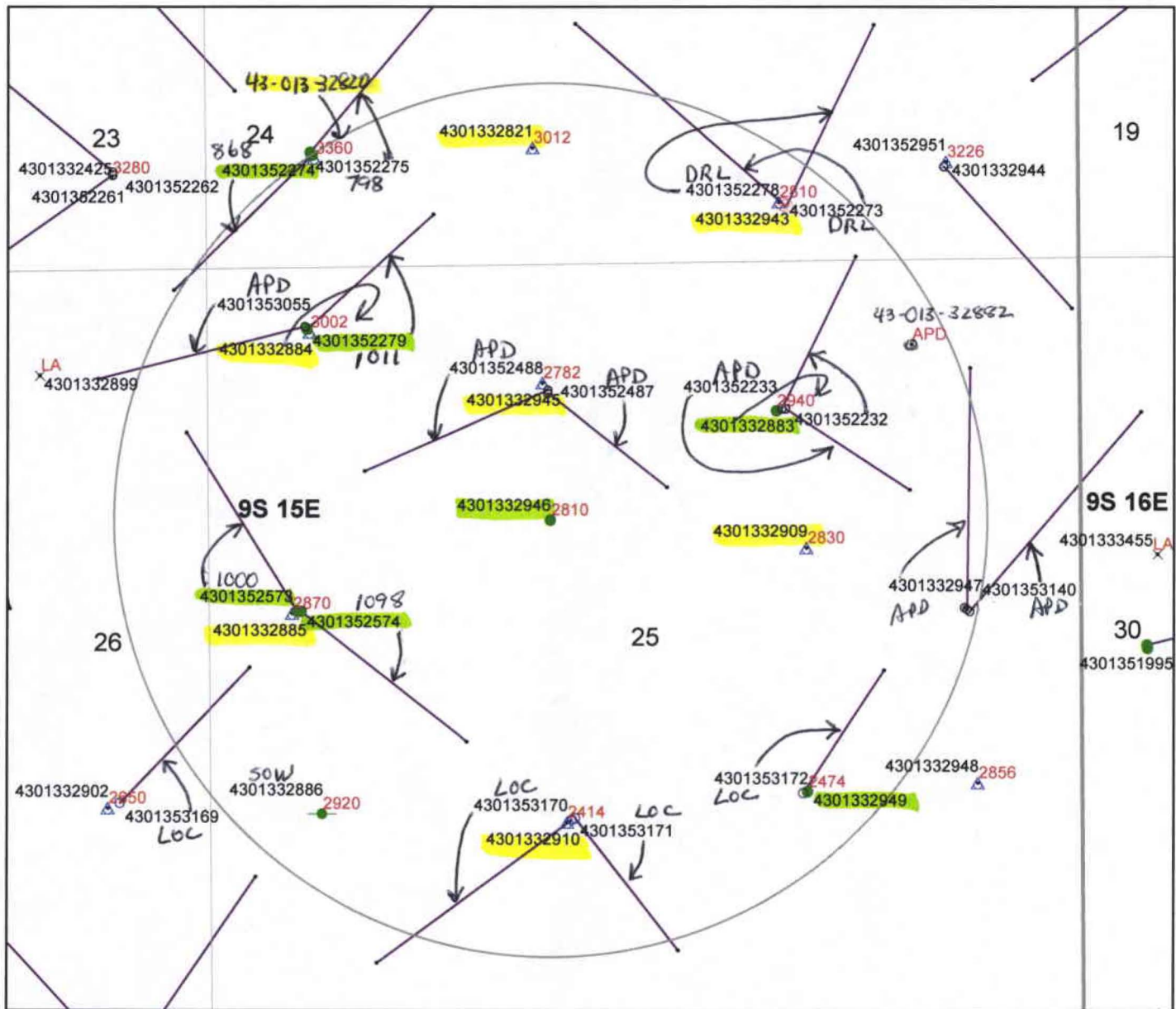
John Rogers  
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency  
Bureau of Land Management, Vernal  
Duchesne County  
Newfield Production Company, Myton  
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





### Legend

#### Oil & Gas Well Type

- APD-Approved Permit
- ⊙ DRL-Spudded (Drilling Commenced)
- ⊙ GIW-Gas Injection Well
- ⊙ GSW-Gas Storage Well
- × LA-Location Abandoned
- LOC-New Location Well
- OPS-Drilling Operations Suspended
- ⊙ PA-Pugged & Abandoned
- ⊙ PGW-Producing Gas Well
- POW-Producing Oil Well
- ▲ RET-Returned APD
- ⊙ SGW-Shut-in Gas Well
- SOW-Shut-in Oil Well
- ⊙ TA-Temp Abandoned
- TW-Test Well
- ⊙ WDW-Water Disposal Well
- ▲ WIW-Water Injection Well
- WSW-Water Supply Well

## Cement Bond Tops Ashley Federal 6-25-9-15 API #43-013-32946 UIC-424.3 (Updated 10/30/2014)

0 0.05 0.1 0.2 0.3 0.4 Miles



- 4585 Depth to top of suitable cement bond
- Well Bottom Hole Location
- Oil & Gas Wells Hole Directional Path
- Wells-CbtopsMaster 1-31-13
- DNR Oil Gas Wells Buffer
- County Boundaries
- PLSS Sections
- PLSS Townships

**DIVISION OF OIL, GAS AND MINING  
UNDERGROUND INJECTION CONTROL PROGRAM  
PERMIT  
STATEMENT OF BASIS**

**Applicant:** Newfield Production Company      **Well:** Ashley Federal 6-25-9-15

**Location:** 25/9S/15E      **API:** 43-013-32946

**Ownership Issues:** The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

**Well Integrity:** The proposed well has surface casing set at 323 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,685 feet. The cement bond log is somewhat problematic but appears to demonstrate adequate bond in this well up to about 2,810 feet or higher. A 2 7/8 inch tubing with a packer is proposed at 4,072 feet. Higher perforations may be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this revision (10/30/2014), based on surface locations, there are 7 producing wells, 8 injection wells, and 1 shut-in well in the AOR. One of producing wells is directionally drilled, with a surface location inside the AOR and a bottom hole location outside the AOR. In addition, there are 2 currently drilling directional wells from surface locations inside the AOR to bottom hole locations outside the AOR. Finally, there is 3 approved surface locations inside the AOR for bottom hole locations outside the AOR. All of the existing wells have evidence of adequate casing and cement for the proposed injection interval.

**Ground Water Protection:** As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2500 feet. Injection shall be limited to the interval between 3,642 feet and 5,653 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 6-25-9-15 well is 0.82 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 1,976 psig. The requested maximum pressure is 1,976 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

**Ashley Federal 6-25-9-15**  
**page 2**

**Oil/Gas& Other Mineral Resources Protection:** The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

**Bonding:** Bonded with the BLM

**Actions Taken and Further Approvals Needed:** A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold Date: 8/27/2014 (revised 10/30/2014)

4770 S. 5600 W  
P.O. BOX 704005  
WEST VALLEY CITY, UTAH 84170  
FED TAX ID # 87-0217663  
801-204-6910

The Salt Lake Tribune

MEDIAONE

Deseret News

PROOF OF PUBLICATION

CUSTOMER'S COPY

CUSTOMER NAME AND ADDRESS	ACCOUNT NUMBER	DATE
DIV OF OIL-GAS & MINING, Rose Nolton 1594 W NORTH TEMP #1210 P.O. BOX 145801 SALT LAKE CITY, UT 84114	9001402352	6/25/2014

ACCOUNT NAME	
DIV OF OIL-GAS & MINING	
TELEPHONE	ADORDER# / INVOICE
8015385340	0000966816 /
SCHEDULE	
Start 06/25/2014	End 06/25/2014
CUST. REF. NO.	
CAUSE NO. UIC-424	
CAPTION	
BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NAT	
SIZE	
76 Lines	2.00 COLUMN
TIMES	RATE
3	
MISC. CHARGES	AD CHARGE
TOTAL COS	
260 36	

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-424

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTION 25, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 17 AND 21, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:  
Fenceline Federal 2-24-8-16 well located in NW/4 NE/4, Section 24, Township 8 South, Range 16 East  
API 43-013-32364  
Fenceline Federal 8-24-8-16 well located in SE/4 NE/4, Section 24, Township 8 South, Range 16 East  
API 43-013-32360  
Ashley Federal 8-25-9-15 well located in SE/4NW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32946  
Ashley Federal 10-25-9-15 well located in NW/4 SE/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32949  
Federal 2-17-9-16 well located in NW/4 NE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33029  
Federal 8-17-9-16 well located in SE/4 NE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33031  
Federal 41-21Y well located in NE/4 NE/4, Section 21, Township 9 South, Range 16 East  
API 43-013-31392

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 23rd day of June, 2014.  
STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
/s/ Brad Hill  
Permitting Manager

966816

AFFIDAVIT OF PUBLICATION

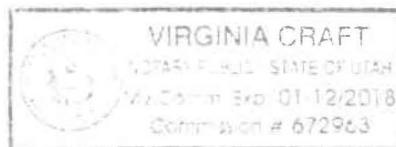
AS NEWSPAPER AGENCY COMPANY, LLC dba MEDIAONE OF UTAH LEGAL BOOKER, I CERTIFY THAT BEFORE THE DIVISION OF OIL, GAS AND MINING DEPARTMENT OF NATURAL RESOURCES ST. CAUSE NO. UIC-424 IN THE MATTER OF THE APPLICATION FOR DIV OF OIL-GAS & MINING, WAS PUBLISHED IN THE ENGLISH LANGUAGE WITH GENERAL CIRCULATION IN UTAH AND PUBLISHED IN SALT LAKE CITY, SALT LAKE COUNTY IN THE STATE OF UTAH NOTICE IS ALSO POSTED ON UTAH LEGALS.COM ON THE SAME DAY AS THE FIRST NEWSPAPER PUBLICATION DATE AND REMAINS ON UTAH LEGALS.COM INDEFINITELY COMPLETES WITH UTAH DIGITAL SIGNATURE ACT UTAH CODE 46-2-101; 46-3-104

PUBLISHED ON Start 06/25/2014 End 06/25/2014

SIGNATURE

DATE 6/25/2014

THIS IS NOT A STATEMENT BUT A "PROOF OF PUBLICATION"  
PLEASE PAY FROM BILLING STATEMENT




Virginia Craft  
NOTARY SIGNATURE

# AFFIDAVIT OF PUBLICATION

County of Duchesne,  
STATE OF UTAH

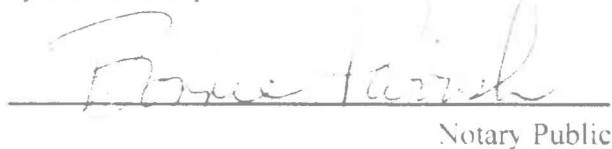
I, Kevin Ashby on oath, say that I am the PUBLISHER of the Uintah Basin Standard, a weekly newspaper of general circulation, published at Roosevelt, State and County aforesaid, and that a certain notice, a true copy of which is hereto attached, was published in the full issue such newspaper for 1 consecutive issues, and that the first publication was on the 1 day of July, 2014, and that the last publication of such notice was in the issue of such newspaper dated the 1 day of July, 2014, and that said notice was published on Utahlegals.com on the same day as the first newspaper publication and the notice remained on Utahlegals.com until the end of the scheduled run.

  
\_\_\_\_\_  
Publisher

Subscribed and sworn to before me on this

2 day of July, 2014

by Kevin Ashby.

  
\_\_\_\_\_  
Notary Public



## NOTICE OF AGENCY ACTION CAUSE NO. UIC-424

BEFORE THE  
DIVISION OF OIL,  
GAS AND MINING,  
DEPARTMENT OF  
NATURAL RE-  
SOURCE, STATE  
OF UTAH

IN THE MATTER  
OF THE APPLICA-  
TION OF NEW-  
FIELD PRODUC-  
TION COMPANY  
FOR ADMINISTRA-  
TIVE APPROVAL  
OF CERTAIN  
WELLS LOCATED  
IN SECTION 24,  
TOWNSHIP 8  
SOUTH, RANGE  
16 EAST, SECTION  
25, TOWNSHIP 9  
SOUTH, RANGE  
15 EAST, AND  
SECTIONS 17 AND  
21, TOWNSHIP 9  
SOUTH, RANGE 16  
EAST, DUCHESNE  
COUNTY, UTAH,  
AS CLASS II INJE-  
CTION WELLS.

THE STATE OF  
UTAH TO ALL PER-  
SONS INTERESTED  
IN THE ABOVE  
ENTITLED MAT-  
TER.

Notice is hereby  
given that the Divi-  
sion of Oil, Gas and  
Mining (the "Divi-  
sion") is commencing  
an informal adjudi-  
cative proceeding  
to consider the ap-  
plication of Newfield  
Production Company,  
1001 17th Street,  
Suite 2000, Denver,  
Colorado 80202, tele-  
phone 303-893-0102,  
for administrative  
approval of the fol-  
lowing wells located  
in Duchesne County,  
Utah, for conversion  
to Class II injection  
wells:

Greater Monument  
Butte Unit:

Fenceline Federal  
2-24-8-16 well lo-  
cated in NW/4 NE/4,  
Section 24, Township  
8 South, Range 16  
East

API 43-013-32364

Fenceline Federal  
8-24-8-16 well lo-  
cated in SE 4 NE 4,  
Section 24, Township

538-5340. If such  
a protest or notice  
of intervention is  
received, a hearing  
will be scheduled  
in accordance with  
the aforementioned  
administrative  
procedural rules.  
Protestants and or  
interveners should be  
prepared to demon-  
strate at the hearing  
how this matter af-  
fects their interests.

Dated this 23rd day  
of June, 2014.

STATE OF UTAH  
DIVISION OF  
OIL, GAS & MIN-  
ING

s  
Brad Hill  
Permitting Man-  
ager

Published in the  
Uintah Basin Stan-  
dard July 1, 2014.



8 South, Range 16  
East

API 43-013-32360  
Ashley Federal  
6-25-9-15 well lo-  
cated in SE/4NW/4,  
Section 25, Township  
9 South, Range 15  
East

API 43-013-32946  
Ashley Federal 10-  
25-9-15 well located  
in NW/4 SE/4, Sec-  
tion 25, Township 9  
South, Range 15 East

API 43-013-32949  
Federal 2-17-9-16  
well located in NW/4  
NE/4, Section 17,  
Township 9 South,  
Range 16 East

API 43-013-33029  
Federal 8-17-9-16  
well located in SE/4  
NE/4, Section 17,  
Township 9 South,  
Range 16 East

API 43-013-33031  
Federal 41-21Y  
well located in NE/4  
NE/4, Section 21,  
Township 9 South,  
Range 16 East

API 43-013-31392  
The proceeding  
will be conducted in  
accordance with Utah  
Admin. R649-10,  
Administrative Proce-  
dures.

Selected zones  
in the Green River  
Formation will be  
used for water injec-  
tion. The maximum  
requested injection  
pressures and rates  
will be determined  
based on fracture  
gradient informa-  
tion submitted by  
Newfield Production  
Company.

Any person  
desiring to object to  
the application or  
otherwise intervene  
in the proceeding,  
must file a written  
protest or notice of  
intervention with  
the Division within  
fifteen days following  
publication of this  
notice. The Division's  
Presiding Officer  
for the proceeding is  
Brad Hill, Permitting  
Manager, at P.O. Box  
145801, Salt Lake  
City, UT 84114-5801,  
phone number (801)

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-424

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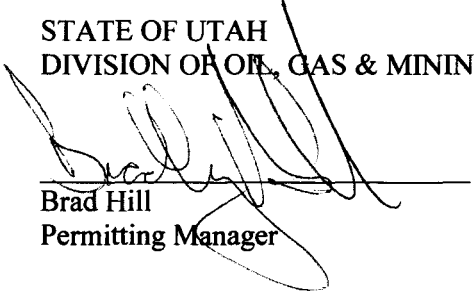
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Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 23rd day of June, 2014.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING

  
\_\_\_\_\_  
Brad Hill  
Permitting Manager

**Newfield Production Company**

**FENCELINE FEDERAL 2-24-8-16, FENCELINE FEDERAL 8-24-8-16,  
ASHLEY FEDERAL 6-25-9-15, ASHLEY FEDERAL 10-25-9-15,  
FEDERAL 2-17-9-16, FEDERAL 8-17-9-16, FEDERAL 41-21Y**

**Cause No. UIC-424**

Publication Notices were sent to the following:

Newfield Production Company  
1001 17th Street, Suite 2000  
Denver, CO 80202

SITLA  
675 E 500 S Ste 500  
Salt Lake City, UT 84102-2818

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066  
via e-mail [ubslegals@ubmedia.biz](mailto:ubslegals@ubmedia.biz)

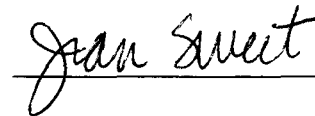
Duchesne County Planning  
P O Box 317  
Duchesne, UT 84021-0317

Salt Lake Tribune  
P O Box 45838  
Salt Lake City, UT 84145  
via e-mail [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Bruce Suchomel  
US EPA Region 8  
MS 8P-W-GW  
1595 Wynkoop Street  
Denver, CO 80202-1129

Vernal Office  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078

Newfield Production Company  
Rt 3 Box 3630  
Myton, UT 84052

  
\_\_\_\_\_



GARY R. HERBERT  
Governor

SPENCER J. COX  
Lieutenant Governor

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
Executive Director

### Division of Oil, Gas and Mining

JOHN R. BAZA  
Division Director

June 24, 2014

Via e-mail: [ubslegals@ubmedia.biz](mailto:ubslegals@ubmedia.biz)

Uintah Basin Standard  
268 South 200 East  
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-424

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure



Jean Sweet <jsweet@utah.gov>

---

**Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-424**

1 message

---

**Cindy Kleinfelter** <ckleinfelter@ubmedia.biz>  
To: Jean Sweet <jsweet@utah.gov>

Thu, Jun 26, 2014 at 2:54 PM

On 6/24/2014 9:37 AM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining

PO Box 145801

Salt Lake City, UT 84114-5801

Sincerely,

—  
Jean Sweet  
Executive Secretary  
Utah Division of Oil, Gas and Mining  
801-538-5329

Received. Thank you. It will publish July 1, 2014.  
Cindy



GARY R. HERBERT  
*Governor*

SPENCER J. COX  
*Lieutenant Governor*

# State of Utah

## DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

### Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

June 24, 2014

VIA E-MAIL [naclegal@mediaoneutah.com](mailto:naclegal@mediaoneutah.com)

Salt Lake Tribune  
P. O. Box 45838  
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-424

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: [jsweet@utah.gov](mailto:jsweet@utah.gov).

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining  
PO Box 145801  
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet  
Executive Secretary

Enclosure





## Order Confirmation for Ad #0000966816-01

<b>Client</b>	DIV OF OIL-GAS & MINING	<b>Payor Customer</b>	DIV OF OIL-GAS & MINING
<b>Client Phone</b>	801-538-5340	<b>Payor Phone</b>	801-538-5340
<b>Account#</b>	9001402352	<b>Payor Account</b>	9001402352
<b>Address</b>	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154 USA	<b>Payor Address</b>	1594 W NORTH TEMPLE STE 1210, SALT LAKE CITY UT 84116-3154

<b>Fax</b>	801-359-3940	<b>Ordered By</b>	<b>Acct. Exec</b>
<b>EEmail</b>	juliecarter@utah.gov	Jean	kstowe

**Total Amount** **\$260.36**

**Payment Amt** **\$0.00**

<b>Amount Due</b>	<b>\$260.36</b>	<b>Tear Sheets</b>	<b>Proofs</b>	<b>Affidavits</b>
		0	0	1

**Payment Method** **PO Number** CAUSE NO. UIC-424

**Confirmation Notes:**

**Text:** Jean

<b>Ad Type</b>	<b>Ad Size</b>	<b>Color</b>
Legal Liner	2.0 X 76 Li	<NONE>

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Salt Lake Tribune::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	6/25/2014	

<b>Product</b>	<b>Placement</b>	<b>Position</b>
Deseret News::	Legal Liner Notice - 0998	998-Other Legal Notices
<b>Scheduled Date(s):</b>	6/25/2014	

<b>Product</b>	<b>Placement</b>	<b>Position</b>
utahlegals.com::	utahlegals.com	utahlegals.com
<b>Scheduled Date(s):</b>	6/25/2014	

### Ad Content Proof Actual Size

BEFORE THE DIVISION OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
STATE OF UTAH  
NOTICE OF AGENCY ACTION  
CAUSE NO. UIC-424

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTION 24, TOWNSHIP 8 SOUTH, RANGE 16 EAST, SECTION 25, TOWNSHIP 9 SOUTH, RANGE 15 EAST, AND SECTIONS 17 AND 21, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

**Greater Monticmont Butte Units:**  
Fenceline Federal 2-24-8-16 well located in NW/4 NE/4, Section 24, Township 8 South, Range 16 East  
API 43-013-32364  
Fenceline Federal 8-24-8-16 well located in SE/4 NE/4, Section 24, Township 8 South, Range 16 East  
API 43-013-32360  
Ashley Federal 6-25-9-15 well located in SE/4NW/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32946  
Ashley Federal 10-25-9-15 well located in NW/4 SE/4, Section 25, Township 9 South, Range 15 East  
API 43-013-32949  
Federal 2-17-9-16 well located in NW/4 NE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33029  
Federal 8-17-9-16 well located in SE/4 NE/4, Section 17, Township 9 South, Range 16 East  
API 43-013-33031  
Federal 41-21Y well located in NE/4 NE/4, Section 21, Township 9 South, Range 16 East  
API 43-013-31392

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-3340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 23rd day of June, 2014.

STATE OF UTAH  
DIVISION OF OIL, GAS & MINING  
s/  
Brad Hill  
Permitting Manager

966816

UPAXP

**NEWFIELD**



**Newfield Exploration Company**

1001 17th Street | Suite 2000

Denver, Colorado 80202

PH 303-893-0102 | FAX 303-893-0103

June 4, 2014

Mr. Mark Reinbold  
State of Utah  
Division of Oil, Gas and Mining  
1594 W North Temple  
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well  
Ashley Federal #6-25-9-15  
Monument Butte Field, Lease #UTU-66185  
Section 25-Township 9S-Range 15E  
Duchesne County, Utah

RECEIVED  
JUN 06 2014  
DIV. OF OIL, GAS & MINING

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Ashley Federal #6-25-9-15 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

Jill L. Loyle  
Regulatory Associate

**NEWFIELD PRODUCTION COMPANY**  
**APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL**  
**ASHLEY FEDERAL #6-25-9-15**  
**MONUMENT BUTTE FIELD (GREEN RIVER) FIELD**  
**LEASE #UTU-66185**  
**JUNE 4, 2014**

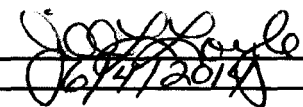
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ATTACHMENT H-1	WELLBORE DIAGRAM OF PROPOSED PLUGGED WELL

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company  
ADDRESS 1001 17th Street, Suite 2000  
Denver, Colorado 80202

Well Name and number: <u>Federal #6-25-9-15</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-66185</u>
Well Location: QQ <u>SE</u> <u>NW</u> section <u>25</u> township <u>9S</u> range <u>15E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? ..... Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Will the proposed well be used for:	
Enhanced Recovery? ..... Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Disposal? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Storage? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Is this application for a new well to be drilled? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
If this application is for an existing well,	
has a casing test been performed on the well? ..... Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Date of test: _____	
API number: <u>43-013-32946</u>	
Proposed injection interval: from <u>3642</u> to <u>5653</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>1976</u> psig	
Proposed injection zone contains [x] oil, [ ] gas, and/or [ ] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; display: inline-block;"><b>IMPORTANT:</b> Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Jill L. Loyle</u>	Signature: <u></u>
Title: <u>Regulatory Associate</u>	Date: <u>6/4/2014</u>
Phone No.: <u>(303) 383-4135</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

# Ashley Federal 6-25-9-15

Spud Date: 09/22/06  
Put on Production: 11/07/06  
K.B.: 6188' G.L.: 6176'

## SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (310.92')  
DEPTH LANDED: 322.77' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, circ. 5 bbls to surf.

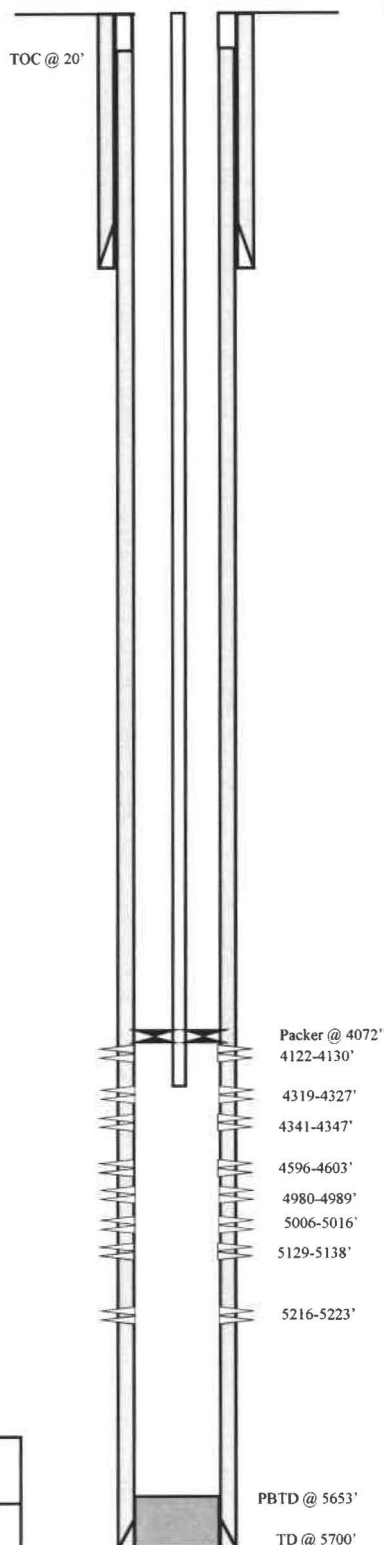
## PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 129 jts (5671.28')  
DEPTH LANDED: 5684.53' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 330 sxs PremiLite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 20' per CBL 10/24/06

## TUBING (GI 4/16/08)

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 164 jts (5178.46')  
TUBING ANCHOR: 5190.46' KB  
NO. OF JOINTS: 1 jts (31.39')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5224.65' KB  
NO. OF JOINTS: 2 jts (62.97')  
NOTCHED COLLAR: 2-7/8" (0.45')  
TOTAL STRING LENGTH: EOT @ 5289.17' KB

## Proposed Injection Wellbore Diagram



## FRAC JOB

10/30/06	5216-5223'	<b>Frac CP.5 sands as follows:</b> 24055# 20/40 sand in 329 bbls Lightning 17 frac fluid. Treated @ avg press of 2255 psi w/avg rate 24.8 BPM. ISIP 2010 psi. Calc flush: 5221 gal. Actual flush: 5082 gal.
10/30/06	4980-5138'	<b>Frac LODC sands as follows:</b> 75092# 20/40 sand in 567 bbls Lightning 17 frac fluid. Treated @ avg press of 2545 psi w/avg rate of 26.7 BPM. ISIP 2010 psi. Calc flush: 5136 gal. Actual flush: 4452 gal.
10/30/06	4596-4603'	<b>Frac B2 sands as follows:</b> 24277# 20/40 sand in 324 bbls Lightning 17 frac fluid. Treated @ avg press of 2345 psi w/avg rate of 24.9 BPM. ISIP 2080 psi. Calc flush: 4601 gal. Actual flush: 4116 gal.
10/30/06	4319-4347'	<b>Frac D2 sands as follows:</b> 27462# 20/40 sand in 335 bbls Lightning 17 frac fluid. Treated @ avg press of 2065 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 4345 gal. Actual flush: 3822 gal.
10/30/06	4122-4130'	<b>Frac PB11 sands as follows:</b> 30307# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 2950 psi w/avg rate 8.25 BPM. ISIP psi. Calc flush: 4128 gal. Actual flush: 4032 gal.

## PERFORATION RECORD

10/24/06	5216-5223'	7 JSPF	28 holes
10/24/06	5129-5138'	9 JSPF	36 holes
10/30/06	5006-5016'	4 JSPF	40 holes
10/30/06	4980-4989'	4 JSPF	36 holes
10/30/06	4596-4603'	4 JSPF	28 holes
10/30/06	4341-4347'	4 JSPF	24 holes
10/30/06	4319-4327'	4 JSPF	32 holes
10/30/06	4122-4130'	4 JSPF	32 holes

**NEWFIELD**

**Ashley Federal 6-25-9-15**

1546' FNL & 2069' FWL

SE/NW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32946; Lease #UTU-66185



## **WORK PROCEDURE FOR INJECTION CONVERSION**

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS  
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

**2.1 The name and address of the operator of the project.**

Newfield Production Company  
1001 17<sup>th</sup> Street, Suite 2000  
Denver, Colorado 80202

**2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

**2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Ashley Federal #6-25-9-15 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

**2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

**2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Ashley Federal #6-25-9-15 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3642' - 5653'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3325' and the TD is at 5700'.

**2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Ashley Federal #6-25-9-15 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-66185) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,  
STORAGE AND ENHANCED RECOVERY WELLS  
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
  - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
  - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
  - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
  - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 323' KB, and 5-1/2", 15.5# casing run from surface to 5685' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
  - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
  - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

**2.8 The proposed average and maximum injection pressures.**

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 1976 psig.

**2.9 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Ashley Federal #6-25-9-15, for existing perforations (4122' - 5223') calculates at 0.82 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 1976 psig. We may add additional perforations between 3325' and 5700'. See Attachments G and G-1.

**2.10 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Ashley Federal #6-25-9-15, the proposed injection zone (3642' - 5653') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

**2.11 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-11.

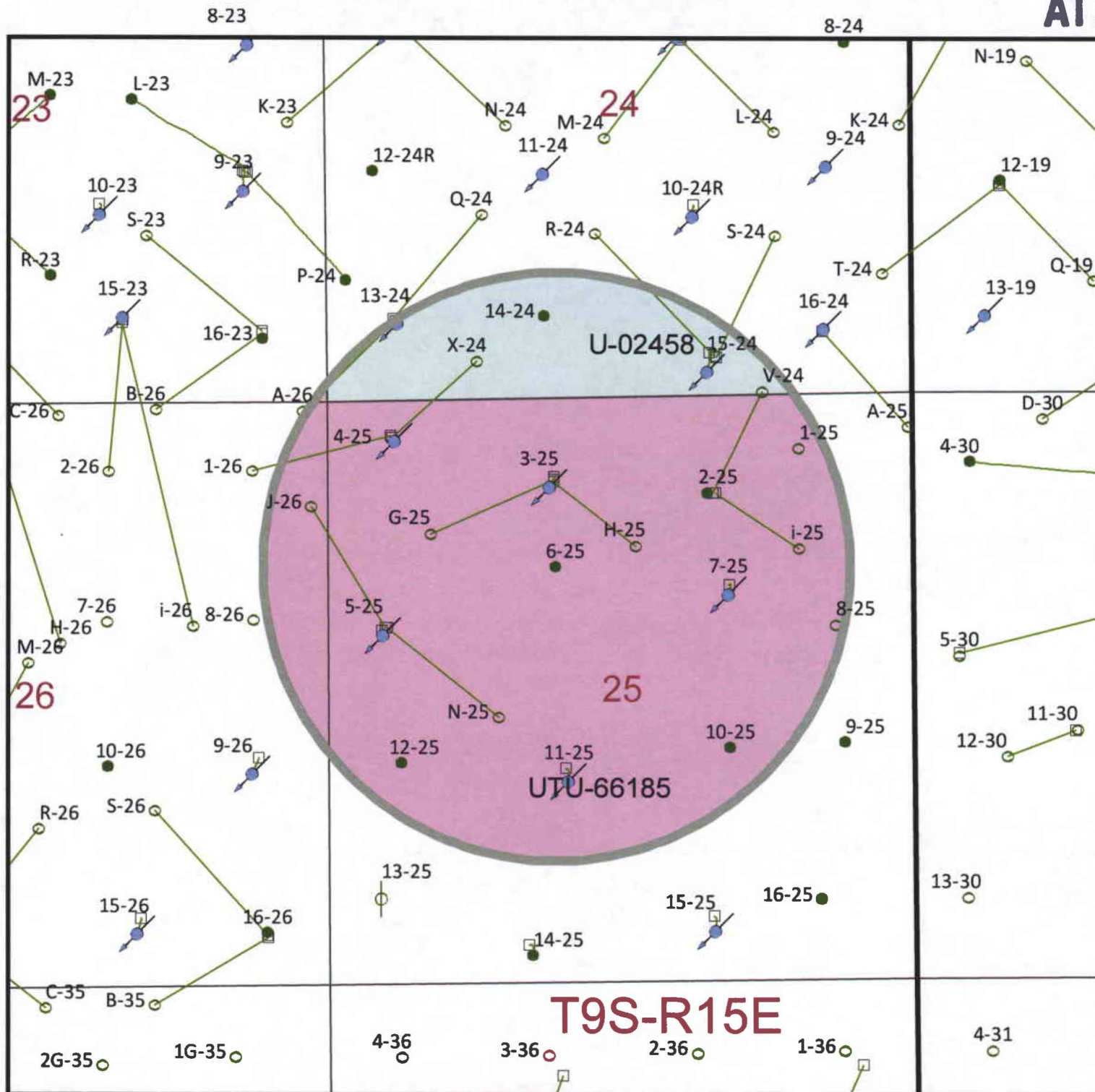
Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

**2.12 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

**2.13 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.

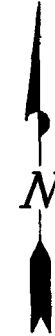
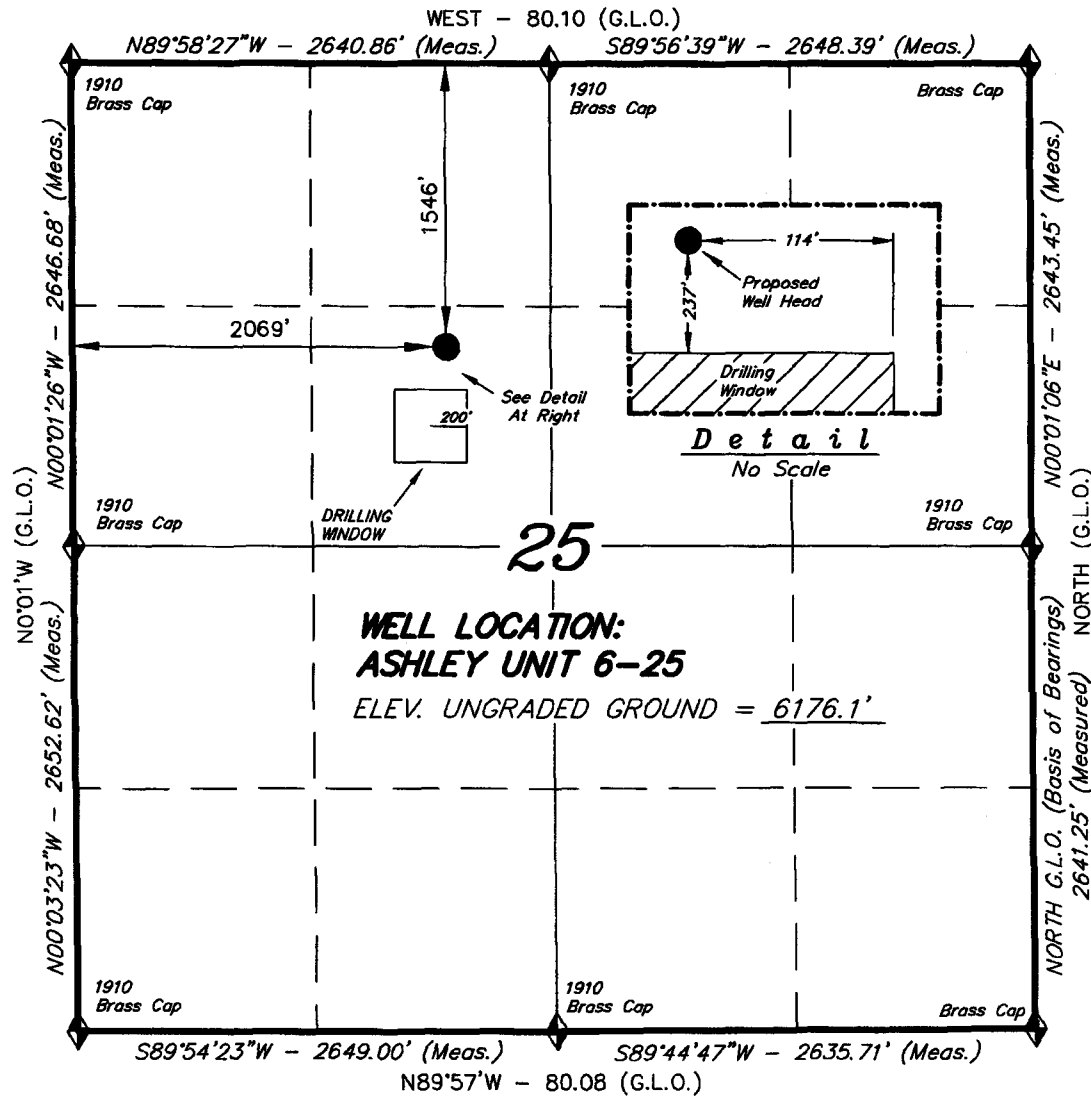




T9S, R15E, S.L.B.&amp;M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, ASHLEY UNIT 6-25,  
LOCATED AS SHOWN IN THE SE 1/4 NW  
1/4 OF SECTION 25, T9S, R15E,  
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS  
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS  
MADE BY ME OR UNDER MY SUPERVISION AND THAT  
THE SAME ARE TRUE AND CORRECT TO THE BEST OF  
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART  
REGISTERED LAND SURVEYOR  
REGISTRATION No. 189377  
STATE OF UTAH

TRI STATE LAND SURVEYING &amp; CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078  
(435) 781-2501

◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; U.S.G.S. 7-1/2 min QUAD (MYTON SW)

SCALE: 1" = 1000'

SURVEYED BY: D.P.

DATE: 8-26-05

DRAWN BY: F.T.M.

NOTES:

FILE #

**EXHIBIT B**

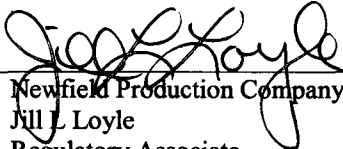
#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R15E SLM Section 23: SESE	USA UTU-019222 HBP	Newfield Production Company Newfield RMI LLC	USA
2	T9S-R15E SLM Section 23: SENE, W2SW, NESE Section 24: S2N2, S2	USA UTU-02458 HBP	Newfield Production Company Newfield RMI LLC	USA
3	T9S-R15E SLM Section 22: E2SW, Lots 2-4, Section 23: NENE, W2E2, S2NW, E2SW Section 24: N2N2 Section 25: ALL Section 26: NE, NENW, S2NW, S2 Section 27: S2NE, E2NW, SE, Lots 1,2	USA UTU-66185 HBP	Newfield Production Company Newfield RMI LLC	USA

**ATTACHMENT C**

**CERTIFICATION FOR SURFACE OWNER NOTIFICATION**

RE: Application for Approval of Class II Injection Well  
Ashley Federal #6-25-9-15

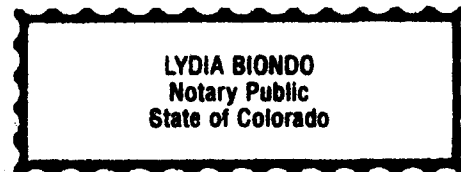
I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed:   
Newfield Production Company  
Jill L. Loyle  
Regulatory Associate

Sworn to and subscribed before me this 4<sup>th</sup> day of June, 2014.

Notary Public in and for the State of Colorado: 

My Commission Expires: 12/31/15



## Ashley Federal 6-25-9-15

Spud Date: 09/22/06  
Put on Production: 11/07/06

K.B.: 6188' G.L.: 6176'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (310.92')  
DEPTH LANDED: 322.77' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, circ 5 bbls to surf.

**PRODUCTION CASING**

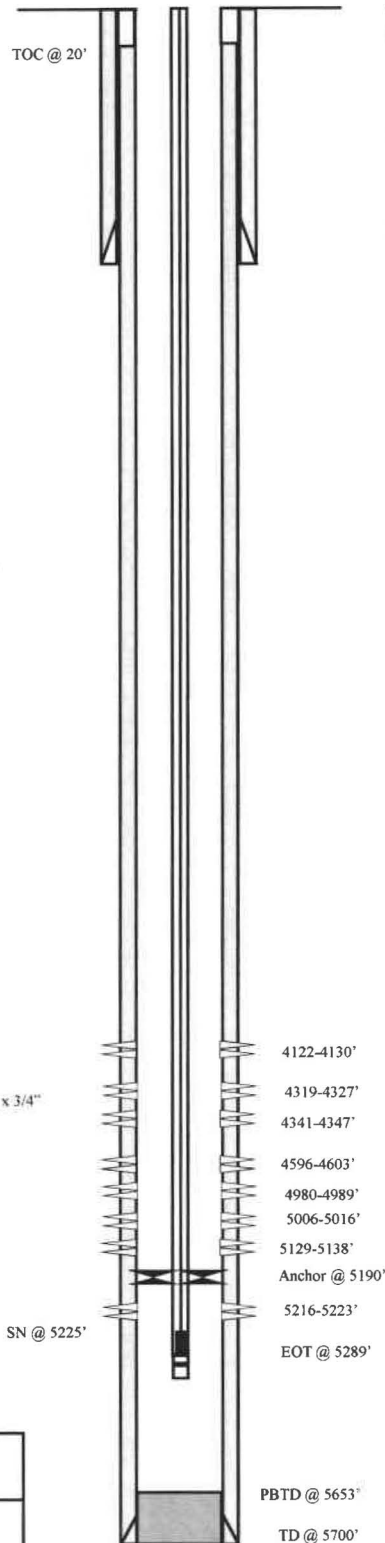
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 129 jts (5671.28')  
DEPTH LANDED: 5684.53' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 330 sxs PremLite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 20' per CBL 10/24/06

**TUBING (GI 4/16/08)**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 164 jts (5178.46')  
TUBING ANCHOR: 5190.46' KB  
NO. OF JOINTS: 1 jts (31.39')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5224.65' KB  
NO. OF JOINTS: 2 jts (62.97')  
NOTCHED COLLAR: 2-7/8" (0.45')  
TOTAL STRING LENGTH: EOT @ 5289.17' KB

**SUCKER RODS (GI 4/16/08)**

POLISHED ROD: 1-1/2" x 22' polished rod  
SUCKER RODS: 2', 8', 8' x 3/4" ponies, 101 x 3/4" scraped rods, 71 x 3/4" plain rods, 30 x 3/4" scraped rods, 6 x 1-1/2" weight rods  
PUMP SIZE: 2-1/2" x 1-1/2" x 12' x 14-1/2' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 5  
PUMPING UNIT: DARCO C-228-213-86

**Wellbore Diagram****FRAC JOB**

Date	Depth Range	Fracture Job Details
10/30/06	5216-5223'	<b>Frac CP.5 sands as follows:</b> 24055# 20/40 sand in 329 bbls Lightning 17 frac fluid. Treated @ avg press of 2255 psi w/avg rate 24.8 BPM. ISIP 2010 psi. Calc flush: 5221 gal. Actual flush: 5082 gal.
10/30/06	4980-5138'	<b>Frac LDC sands as follows:</b> 75092# 20/40 sand in 567 bbls Lightning 17 frac fluid. Treated @ avg press of 2545 psi w/avg rate of 26.7 BPM. ISIP 2010 psi. Calc flush: 5136 gal. Actual flush: 4452 gal.
10/30/06	4596-4603'	<b>Frac B2 sands as follows:</b> 24277# 20/40 sand in 324 bbls Lightning 17 frac fluid. Treated @ avg press of 2345 psi w/avg rate of 24.9 BPM. ISIP 2080 psi. Calc flush: 4601 gal. Actual flush: 4116 gal.
10/30/06	4319-4347'	<b>Frac D2 sands as follows:</b> 27462# 20/40 sand in 335 bbls Lightning 17 frac fluid. Treated @ avg press of 2065 psi w/avg rate of 24.9 BPM. ISIP 2050 psi. Calc flush: 4345 gal. Actual flush: 3822 gal.
10/30/06	4122-4130'	<b>Frac PB11 sands as follows:</b> 30307# 20/40 sand in 331 bbls Lightning 17 frac fluid. Treated @ avg press of 2950 psi w/avg rate 8.25 BPM. ISIP psi. Calc flush: 4128 gal. Actual flush: 4032 gal.

**PERFORATION RECORD**

Date	Depth Range	Perforation Details
10/24/06	5216-5223'	7 JSPF 28 holes
10/24/06	5129-5138'	9 JSPF 36 holes
10/30/06	5006-5016'	4 JSPF 40 holes
10/30/06	4980-4989'	4 JSPF 36 holes
10/30/06	4596-4603'	4 JSPF 28 holes
10/30/06	4341-4347'	4 JSPF 24 holes
10/30/06	4319-4327'	4 JSPF 32 holes
10/30/06	4122-4130'	4 JSPF 32 holes

**NEWFIELD****Ashley Federal 6-25-9-15**

1546' FNL &amp; 2069' FWL

SE/NW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32946; Lease #UTU-66185

## Ashley Federal 2-25-9-15

Spud Date:10/2/2006  
Put on Production:12/01/06

GL: 6285' KB: 6297'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.21')  
DEPTH LANDED: 322.64' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

**PRODUCTION CASING**

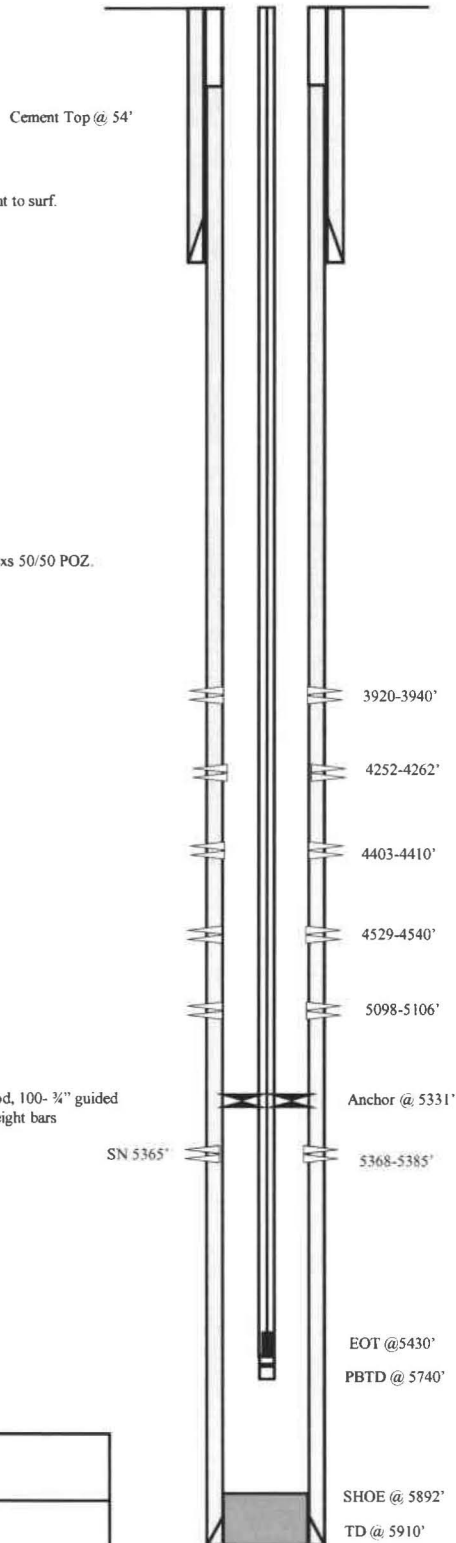
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 133 jts. (5878.34')  
DEPTH LANDED: 5891.59' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 350 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.  
CEMENT TOP: 54'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 169 jts (5331.0')  
TUBING ANCHOR: 5331.0' KB  
NO. OF JOINTS: 1 jts (31.10')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5364.9' KB  
NO. OF JOINTS: 2 jts (63.1')  
TOTAL STRING LENGTH: EOT @ 5430' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' Polish Rod  
SUCKER RODS: 1-4' x 3/4" pony rod, 1-6' x 3/4" pony rod, 100- 3/4" guided rods, 78- 3/4" sucker rods, 30- 3/4" guided rods, 6- 1 1/2" weight bars  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 14' x 16' RHAC  
STROKE LENGTH: 86"  
PUMP SPEED, SPM: 4

**Wellbore Diagram**

Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

11/20/06	5368-5385'	<b>Frac CPl sands as follows:</b> 75,582# 20/40 sand in 591 bbls Lightning 17 frac fluid. Treated @ avg press of 2013 psi w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc flush: 5366 gal. Actual flush: 4860 gal.
11/20/06	5098-5106'	<b>Frac LODC sands as follows:</b> 35,023# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 2560 psi w/avg rate of 24.6 BPM. ISIP 2660 psi. Calc flush: 5096 gal. Actual flush: 4591 gal.
11/20/06	4529-4540'	<b>Frac D2 sands as follows:</b> 59,760# 20/40 sand in 479 bbls Lightning 17 frac fluid. Treated @ avg press of 1955 psi w/avg rate of 24.9 BPM. ISIP 2240 psi. Calc flush: 4527 gal. Actual flush: 4035 gal.
11/20/06	4403-4410'	<b>Frac DS3 sands as follows:</b> 19,609# 20/40 sand in 291 bbls Lightning 17 frac fluid. Treated @ avg press of 2285 psi w/avg rate of 24.9 BPM. ISIP 2250 psi. Calc flush: 4401 gal. Actual flush: 3940 gal.
11/20/06	4252-4262'	<b>Frac PB11 sands as follows:</b> 40,121# 20/40 sand in 384 bbls Lightning 17 frac fluid. Treated @ avg press of 1878 psi w/avg rate of 25.1 BPM. ISIP 1960 psi. Calc flush: 4250 gal. Actual flush: 3746 gal.
11/20/06	3920-3940'	<b>Frac GB4 sands as follows:</b> 47,607# 20/40 sand in 398 bbls Lightning 17 frac fluid. Treated @ avg press of 1490 psi w/avg rate of 25.1 BPM. ISIP 1570 psi. Calc flush: 3918 gal. Actual flush: 3822 gal.
03/02/07		Pump Change. Update rod and tubing details.
3/17/10		Pump Change. Updated rod and tubing detail.

**PERFORATION RECORD**

11/16/06	5368-5385'	4 JSPF	68 holes
11/20/06	5098-5106'	4 JSPF	32 holes
11/20/06	4529-4540'	4 JSPF	44 holes
11/20/06	4403-4410'	4 JSPF	28 holes
11/20/06	4252-4262'	4 JSPF	40 holes
11/20/06	3920-3940'	4 JSPF	80 holes

**NEWFIELD****Ashley Federal 2-25-9-15**

903' FNL &amp; 1835' FEL

NW/NE Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32883; Lease #UTU-66185

## Ashley Federal 3-25-9-15

Spud Date: 9-21-06  
 Put on Production: 11-01-06  
 GL: 6146' KB: 6158'

SURFACE CASING

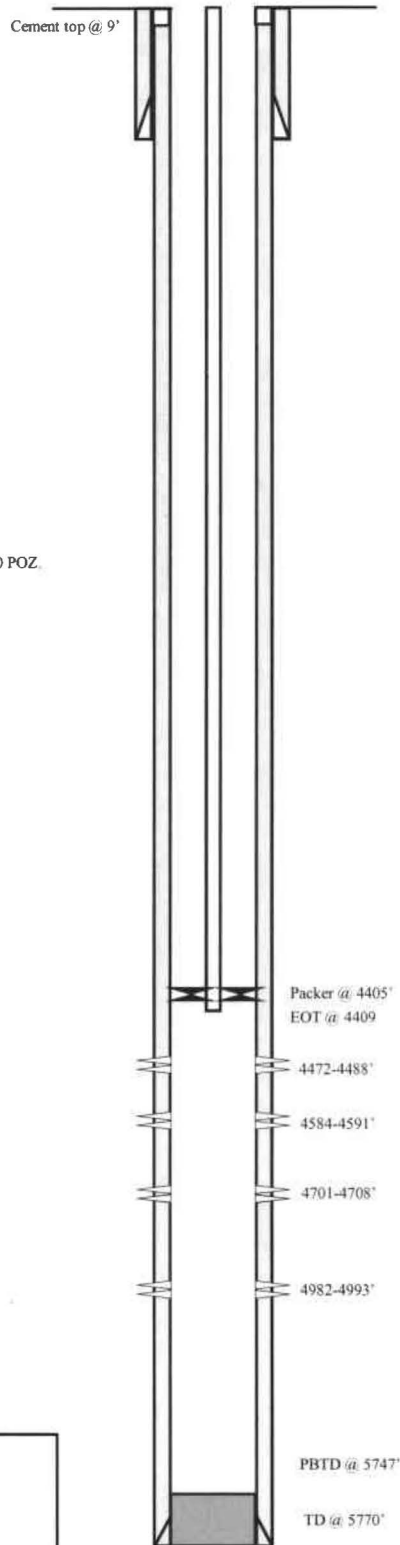
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (311-28')  
 DEPTH LANDED: 323.13' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 135 jts (5749.95')  
 DEPTH LANDED: 5763.2' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 330 sxs Prem. Lite II mixed & 400 sxs 50/50 POZ.  
 CEMENT TOP AT: 9'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 139 jts (4388.8')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4400.8' KB  
 CE @ 4405.22'  
 TOTAL STRING LENGTH: EOT @ 4409' KB

Injection Wellbore  
DiagramFRAC JOB

10-25-06	4982-4993'	<b>Frac lode sands as follows:</b> 59272# 20/40 sand in 475 bbls Lightning 17 frac fluid. Treated @ avg press of 2510 psi w/avg rate of 26.9 BPM. ISIP 2680 psi. Calc flush: 4494 gal. Actual flush: 4980 gal.
10-25-06	4701-4708'	<b>Frac A1 sands as follows:</b> 29486# 20/40 sand in 346 bbls Lightning 17 frac fluid. Treated @ avg press of 2635 psi w/avg rate of 24.9 BPM. ISIP 2700 psi. Calc flush: 4200 gal. Actual flush: 4699 gal.
10-25-06	4584-4591'	<b>Frac B2 sands as follows:</b> 34746# 20/40 sand in 377 bbls Lightning 17 frac fluid. Treated @ avg press of 2050 psi w/avg rate of 25 BPM. ISIP 2025 psi. Calc flush: 4116 gal. Actual flush: 4582 gal.
10-25-06	4472-4488'	<b>Frac C sands as follows:</b> 37000# 20/40 sand in 402 bbls Lightning 17 frac fluid. Treated @ avg press of 2325 w/avg rate of 24.9 BPM. ISIP 2370 psi. Calc flush: 4368 gal. Actual flush: 4470 gal.
2/19/10		<b>Pump Change.</b> Updated rod and tbg detail.
08-20-10		<b>Convert to Injection well</b>
08-30-10		<b>MIT Completed</b> – tbg detail updated

PERFORATION RECORD

10-18-06	4982-4993'	4 JSPF	44 holes
10-25-06	4701-4708'	4 JSPF	28 holes
10-25-06	4584-4591'	4 JSPF	28 holes
10-25-06	4472-4488'	4 JSPF	64 holes

**NEWFIELD****Ashley Federal 3-25-9-15**

716' FNL &amp; 2029' FWL

NE/NW Section 25-T9S-R15E

Duchesne Co, Utah

API # 43-013-32945; Lease # UTU-66185



## Ashley Federal 4-25-9-15

Spud Date: 06/22/06

Put on Production: 07/28/06

K.B.: 6379, G.L.: 6367

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"

GRADE: J-55

WEIGHT: 24#

LENGTH: 7 jts. (310.94')

DEPTH LANDED: 322.79' KB

HOLE SIZE: 12-1/4"

CEMENT DATA: 160 sxs Class "G" cmt. est 5 bbls cmt to surf.

Cement Top @ 220'

Casing Shoe @ 323'

PRODUCTION CASING

CSG SIZE: 5-1/2"

GRADE: J-55

WEIGHT: 15.5#

LENGTH: 134 jts. (5869.18')

DEPTH LANDED: 5882.43' KB

HOLE SIZE: 7-7/8"

CEMENT DATA: 300 sxs Prem. Lite II mixed &amp; 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#

NO. OF JOINTS: 137 jts (4311.1')

SEATING NIPPLE: 2-7/8" (1.10')

SN LANDED AT: 4323.1' KB

ON/OFF TOOL AT: 4324.2'

ARROW #1 PACKER CE AT: 4329.6'

XO 2-3/8 x 2-7/8 J-55 AT: 4333.2'

TBG PUP 2-3/8 J-55 AT: 4333.7'

X/N NIPPLE AT: 4337.9'

TOTAL STRING LENGTH: EOT @ 4339.39'

SN @ 4323'

On Off Tool @ 4324'

Packer @ 4330'

X/N Nipple @ 4338'

EOT @ 4339'

4398-4404'

4412-4416'

4438-4444'

5230-5238' (Unfraced)

5364-5404'

PBTD @ 5861'

TD @ 5950'

FRAC JOB

07/24/06 5364-5404'

**Frac LODC sands as follows:**

168996# 20/40 sand in 1145 bbls Lightning 17 frac fluid. Treated @ avg press of 2069 psi w/avg rate of 24.8 BPM. ISIP 2260 psi. Calc flush: 5402 gal. Actual flush: 4876 gal.

07/24/06 4398-4444'

**Frac DS1, DS2 sands as follows:**

39568# 20/40 sand in 421 bbls Lightning 17 frac fluid. Treated @ avg press of 1718 psi w/avg rate of 24.8 BPM. ISIP 1640 psi. Calc flush: 4442 gal. Actual flush: 4284 gal.

06/22/07

**Workover** Rod & Tubing detail updated.

8/10/09

**Parted rods**, updated rod & tubing details.

11/12/13

**Convert to Injection Well**

11/13/13

**Conversion MIT Finalized** - update tbg detailPERFORATION RECORD

07/18/06	5364-5404'	2 JSPF	80 holes
07/24/06	5230-5238'	4 JSPF	32 holes
07/24/06	4438-4444'	4 JSPF	24 holes
07/24/06	4412-4416'	4 JSPF	16 holes
07/24/06	4398-4404'	4 JSPF	24 holes

**NEWFIELD****Ashley Federal 4-25-9-15**

394' FNL & 624' FWL  
NW/NW Section 25-T9S-R15E  
Duchesne Co, Utah  
API #43-013-32884; Lease #UTU-66185

## Ashley Federal 5-25-9-15

Spud Date 09/25/2006  
Put on Production: 11/27/2006  
GL: 6301' KB: 6313'

Injection Wellbore  
DiagramSURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.84')  
DEPTH LANDED: 322.69' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4.5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 131 jts. (5801.70')  
DEPTH LANDED: 5800.95' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 124 jts (3833.8')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 3845.8'  
CE @ 3850.17'  
TOTAL STRING LENGTH: EOT @ 3854'

FRAC JOB

11/10/2006 5228-5244' **Frac LODC sands as follows:**  
85862# 20/40 sand in 662 bbls Lightning 17  
frac fluid. Treated @ avg press of 230 psi  
w/avg rate of 25.5 BPM. ISIP 2680 psi. Calc  
flush: 5226 gal. Actual flush: 4809 gal.

9-6-07 **Pump change.** Updated rod & tubing details.

12-28-07 **Tubing Leak.** Updated rod & tubing details.

8-11-08 **Tubing Leak.** Updated rod & tubing details.

**Re-Completion**

7-10-07 5088-5094' **RU BJ & frac LODC sds as follows:**  
21,374# 20/40 sand in 391 bbls of Lightning 17 frac  
fluid. Treated @ ave pressure of 2901 @ ave rate of  
24.8 w/ 6.5 ppg of sand. ISIP was 2775. Actual  
flush: 4620 gals.

7-10-07 4554-4564' **RU BJ & frac B.5 sds as follows:**  
29,766# 20/40 sand in 356 bbls of Lightning 17 frac  
fluid. Treated @ ave pressure of 2082 @ ave rate of  
24.8 w/ 8 ppg of sand. ISIP was 1965. Actual flush:  
4116 gals.

7-10-07 4392-4427' **RU BJ & frac D1 & D2 sds as follows:**  
50,286# 20/40 sand in 461 bbls of Lightning 17 frac  
fluid. Treated @ ave pressure of 1414 @ ave rate of  
24.8 w/ 8 ppg of sand. ISIP was 1628. Actual flush:  
3906 gals.

7-10-07 3904-3967' **RU BJ & frac GB4 & GB6 sds as follows:**  
44,217# 20/40 sand in 393 bbls of Lightning 17 frac  
fluid. Treated @ ave pressure of 1273 @ ave rate of  
17.8 w/ 8 ppg of sand. ISIP was 1345. Actual flush:  
3864 gals.

8-26-10 **Convert to Injection well**

9-14-10 **MIT Completed** - tbg detail updated

Cement Top @ 1320'

Packer @ 3850'  
EOT @ 3854'

3904-3912'

3962-3967'

4392-4397'

4408-4412'

4423-4427'

4554-4564'

5088-5094'

5228-5244'

PBTD @ 5733'

TD @ 5830'

PERFORATION RECORD

11/10/06	5228-5244'	4 JSPF	64 holes
7/10/07	3904-3912'	4 JSPF	32 holes
7/10/07	3962-3967'	4 JSPF	20 holes
7/10/07	4392-4397'	4 JSPF	20 holes
7/10/07	4408-4412'	4 JSPF	16 holes
7/10/07	4423-4427'	4 JSPF	16 holes
7/10/07	4554-4564'	4 JSPF	40 holes
7/10/07	5088-5094'	4 JSPF	24 holes

**NEWFIELD****Ashley Federal 5-25-9-15**

2091' FNL &amp; 505' FWL

SW/NW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32885; Lease #UTU-66185

## Ashley Federal 7-25-9-15

Spud Date: 10-3-06  
Put on Production: 1-22-07  
GL: 6183' KB: 6195'

Injection Wellbore  
DiagramSURFACE CASING

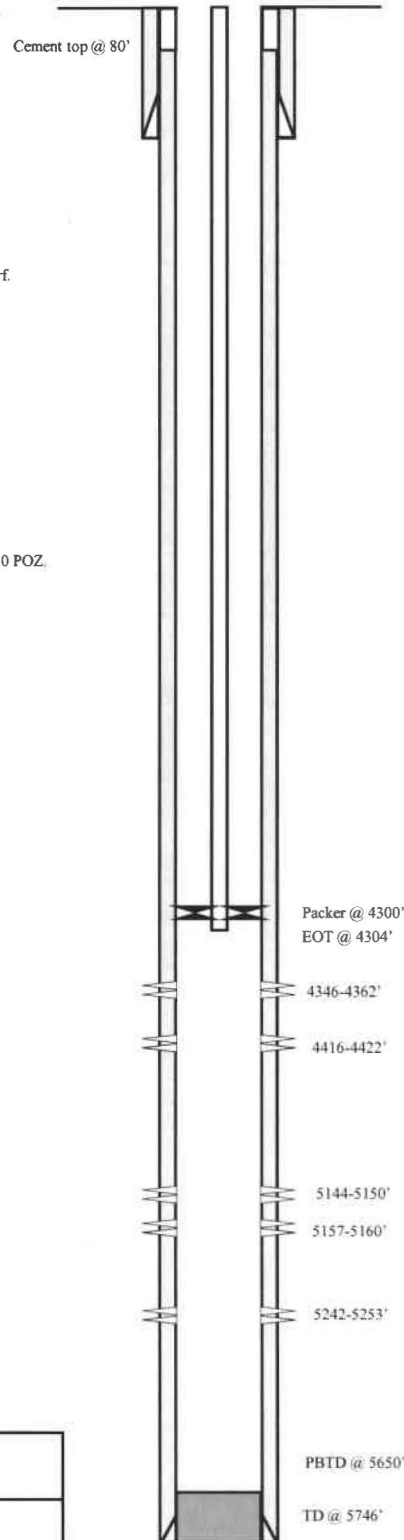
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts (310 96')  
DEPTH LANDED: 322.64' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 132 jts (5692 28')  
DEPTH LANDED: 5705.53' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem, Lite II mixed & 425 sxs 50/50 POZ.  
CEMENT TOP AT: 80'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 136 jts (4284')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4296' KB  
CE @ 4300.38'  
TOTAL STRING LENGTH: EOT @ 4304' KB

FRAC JOB

01-08-07	5242-5253'	<b>Frac CPI sands as follows:</b> 93361# 20/40 sand in 672 bbls Lightning 17 frac fluid. Treated @ avg press of 2560 psi w/avg rate of 22.7 BPM. ISIP 2350 psi. Calc flush: 5240 gal. Actual flush: 4746 gal.
01-09-07	5144-5160'	<b>Frac LODC sands as follows:</b> 35081# 20/40 sand in 339 bbls Lightning 17 frac fluid. Treated @ avg press of 2699 psi w/avg rate of 24.6 BPM. ISIP 4200 psi. Calc flush: 5142 gal. Actual flush: 2604 gal.
01-11-07	4346-4422'	<b>Frac D1, &amp; D2 sands as follows:</b> 48392# 20/40 sand in 512 bbls Lightning 17 frac fluid. Treated @ avg press of 2303 psi w/avg rate of 24.4 BPM. ISIP 2050 psi. Calc flush: 4344 gal. Actual flush: 4242 gal.
2/3/09		<b>Pump change.</b> Updated r & t details.
08-13-10		<b>Convert to Injection well</b>
08-30-10		<b>MIT Completed</b> – tbq detail updated

PERFORATION RECORD

01-04-07	5242-5253'	4 JSPF	44 holes
01-08-07	5157-5160'	4 JSPF	12 holes
01-08-07	5144-5150'	4 JSPF	24 holes
01-11-07	4416-4422'	4 JSPF	24 holes
01-11-07	4346-4362'	4 JSPF	64 holes

**NEWFIELD****Ashley Federal 7-25-9-15**

1733' FNL &amp; 1658' FEL

SW/NE Section 25-T9S-R15E

Duchesne Co, Utah

API # 43-013-32909; Lease # UTU-66185

## Ashley Federal 10-25-9-15

Spud Date: 12/01/2006  
Put on Production: 01/03/07

GL: 6395' KB: 6407'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (304.04')  
DEPTH LANDED: 314.94' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

**PRODUCTION CASING**

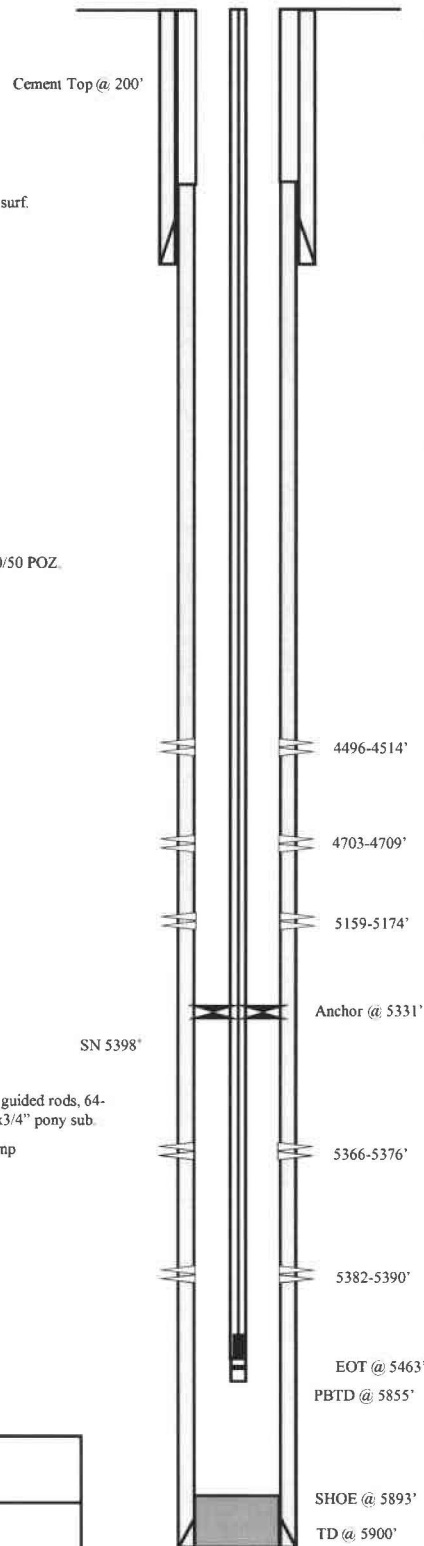
CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 134 jts. (5880.12')  
DEPTH LANDED: 5893.37' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem, Lite II mixed & 425sxs 50/50 POZ.  
CEMENT TOP: 200'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 173 jts (5319.40')  
TUBING ANCHOR: 5331.40' KB  
NO. OF JOINTS: 2 jts (63.37')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 5397.57' KB  
NO. OF JOINTS: 2 jts (63.41')  
TOTAL STRING LENGTH: EOT @ 5462.53' KB

**SUCKER RODS**

POLISHED ROD: 1-1/2" x 22' SM  
SUCKER RODS: 2-4' & 1-6', 1-8' x 3/4" pony subs, 99-3/4" guided rods, 64-3/4" slick rods, 44-3/4" guided rods, 6-1 1/2" weight bars, 1-2' x 3/4" pony sub.  
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 17' RTBC MacGyver pump  
STROKE LENGTH: 86"  
PUMP SPEED, 4 SPM:

**Wellbore Diagram**

Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

12/26/06	5390-5366'	<b>Frac CP1 &amp; CP.5 sands as follows:</b> 35027# 20/40 sand in 429 bbls Lightning 17 frac fluid. Treated @ avg press of 2117 psi w/avg rate of 25 BPM. ISIP 2130 psi. Calc flush: 5388 gal. Actual flush: 4860 gal.
12/26/06	5159-5174'	<b>Frac LODC sands as follows:</b> 100286# 20/40 sand in 681 bbls Lightning 17 frac fluid. Treated @ avg press of 2242 psi w/avg rate of 24.8 BPM. ISIP 2500 psi. Calc flush: 5157 gal. Actual flush: 4620 gal.
12/26/06	4703-4709'	<b>Frac B1 sands as follows:</b> 24310# 20/40 sand in 332 bbls Lightning 17 frac fluid. Treated @ avg press of 2073 psi w/avg rate of 25 BPM. ISIP 1900 psi. Calc flush: 4701 gal. Actual flush: 4196 gal.
12/26/06	4496-4514'	<b>Frac D1 sands as follows:</b> 90822# 20/40 sand in 665 bbls Lightning 17 frac fluid. Treated @ avg press of 2864 psi w/avg rate of 25.1 BPM. ISIP 2040 psi. Calc flush: 4494 gal. Actual flush: 4410 gal.
7/29/08		Stuck pump. Updated rod & tubing details.
10/19/08		Tubing Leak. Updated rod & tubing details.

**PERFORATION RECORD**

12/20/06	5382-5390'	4 JSPF	32 holes
12/20/06	5366-5376'	4 JSPF	40 holes
12/26/06	5159-5174'	4 JSPF	60 holes
12/26/06	4703-4709'	4 JSPF	24 holes
12/26/06	4496-4514'	4 JSPF	72 holes

**NEWFIELD****Ashley Federal 10-25-9-15**

2082' FSL &amp; 1661' FEL

NW/SE Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32949; Lease #UTU-66185

## Ashley Federal 11-25-9-15

Spud Date: 10/25/2006  
 Put on Production:  
 GL: 6269' KB: 6281'

Injection Wellbore  
DiagramSURFACE CASING

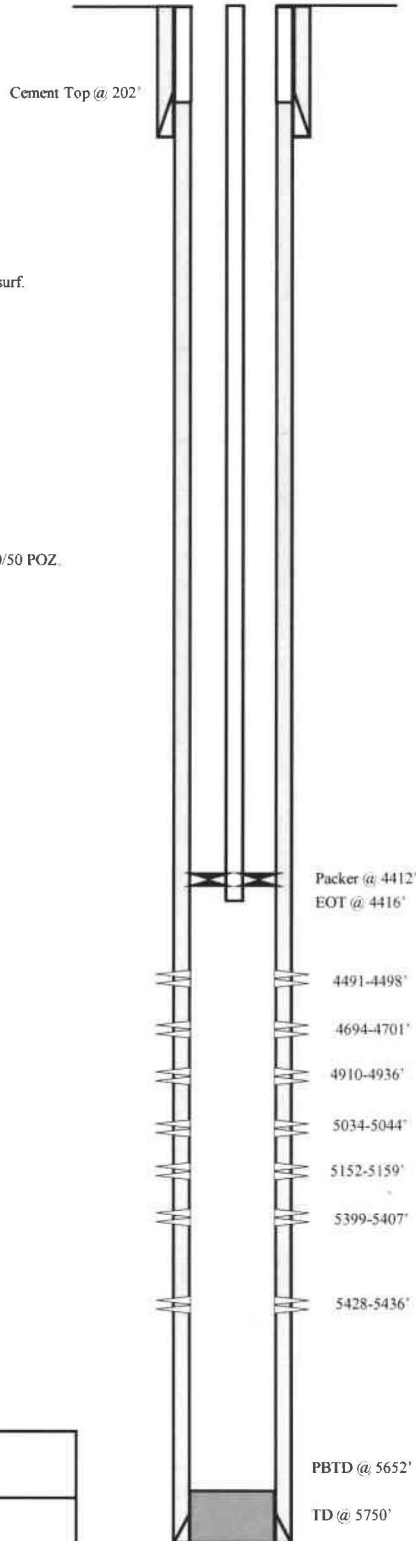
CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts. (311.00')  
 DEPTH LANDED: 322.85' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 129 jts. (5687.01')  
 DEPTH LANDED: 5700.26' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 300 sxs Prem. Lite II mixed & 475 sxs 50/50 POZ.

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
 NO. OF JOINTS: 140 jts (4395.8')  
 SEATING NIPPLE: 2-7/8" (1.10')  
 SN LANDED AT: 4407.8' KB  
 CE @ 4412.17'  
 TOTAL STRING LENGTH: EOT @ 4416' KB

FRAC JOB

11/27/06	5399-5436'	<b>Frac CP2 sands as follows:</b> 34,663# 20/40 sand in 403 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w/avg rate of 24.8 BPM. ISIP 2350 psi. Calc flush: 5397 gal. Actual flush: 4872 gal.
11/27/06	5152-5159'	<b>Frac LODC sands as follows:</b> 24,486# 20/40 sand in 333 bbls Lightning 17 frac fluid. Treated @ avg press of 2635 psi w/avg rate of 25 BPM. ISIP 2450 psi. Calc flush: 5150 gal. Actual flush: 4662 gal.
11/27/06	5034-5044'	<b>Frac LODC sands as follows:</b> 24,788# 20/40 sand in 332 bbls Lightning 17 frac fluid. Treated @ avg press of 2420 psi w/avg rate of 25 BPM. ISIP 2380 psi. Calc flush: 5032 gal. Actual flush: 4536 gal.
11/27/06	4910-4936'	<b>Frac LODC sands as follows:</b> 40,879# 20/40 sand in 387 bbls Lightning 17 frac fluid. Treated @ avg press of 2585 psi w/avg rate of 27 BPM. ISIP 2500 psi. Calc flush: 4908 gal. Actual flush: 4410 gal.
11/27/06	4694-4701'	<b>Frac A5 sands as follows:</b> 19,469# 20/40 sand in 282 bbls Lightning 17 frac fluid. Treated @ avg press of 2315 psi w/avg rate of 25.1 BPM. ISIP 2130 psi. Calc flush: 4692 gal. Actual flush: 4200 gal.
11/27/06	4491-4498'	<b>Frac B.5 sands as follows:</b> 20,982# 20/40 sand in 287 bbls Lightning 17 frac fluid. Treated @ avg press of 2525 psi w/avg rate of 24.9 BPM. ISIP psi. Calc flush: 4489 gal. Actual flush: 33 bbl short gal.
12-5-07		<b>Parted rods.</b> Updated rod & tubing details.
08-17-10		<b>Convert to Injection well</b>
08-30-10		<b>MIT Completed</b> – tubing detail updated

PERFORATION RECORD

11/27/06	5428-5436'	4 JSPF	32 holes
11/27/06	5399-5407'	4 JSPF	32 holes
11/27/06	5152-5159'	4 JSPF	28 holes
11/27/06	5034-5044'	4 JSPF	40 holes
11/27/06	4910-4936'	4 JSPF	104 holes
11/27/06	4694-4701'	4 JSPF	28 holes
11/27/06	4491-4498'	4 JSPF	28 holes

NEWFIELD

Ashley Federal 11-25-9-15

1916' FSL &amp; 2154' FWL

NE/SW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32910; Lease #UTU-66185

## Ashley Federal 12-25-9-15

Spud Date: 09/28/06  
Put on Production: 01/03/07  
K.B.: 6429 G.L.: 6417

## Wellbore Diagram

Initial Production: BOPD,  
MCFD, BWPD

SURFACE CASING

CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.60')  
DEPTH LANDED: 322.45' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 134 jts. (5888.20')  
DEPTH LANDED: 5887.45' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 130'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55  
NO. OF JOINTS: 161 jts (5049.48')  
TUBING ANCHOR: 2.80' 5061.48'  
NO. OF JOINTS: 3 jts (94.77')  
SEATING NIPPLE: 1.10  
SN LANDED AT: (5159.05')  
NO. OF JOINTS: 2 jts (63.35')  
TOTAL STRING LENGTH: EOT @ 5223.95'

SUCKER RODS

POLISHED ROD: 1-1/2" x 22'  
SUCKER RODS: 1-2', 1-6' x 3/4" pony rod, 100-3/4" scraped rods, 89-3/4" plain rods, 10-3/4" scraped rods, 6-1 1/2" weight rods.  
PUMP SIZE: 2-1/2" x 1-1/2" x 15 1/2" RHAC pump rod pump  
STROKE LENGTH: 86"  
PUMP SPEED: 5 SPM

FRAC JOB

12/21/06 5290-5308' **Frac LODC sands as follows:**  
97293# 20/40 sand in 739 bbls Lightning 17 frac fluid. Treated @ avg press of 2215 psi w/avg rate of 25 BPM. ISIP 2480 psi. Calc flush: 5306 gal. Actual flush: 5166 gal.

02/19/07 **Recompletion**

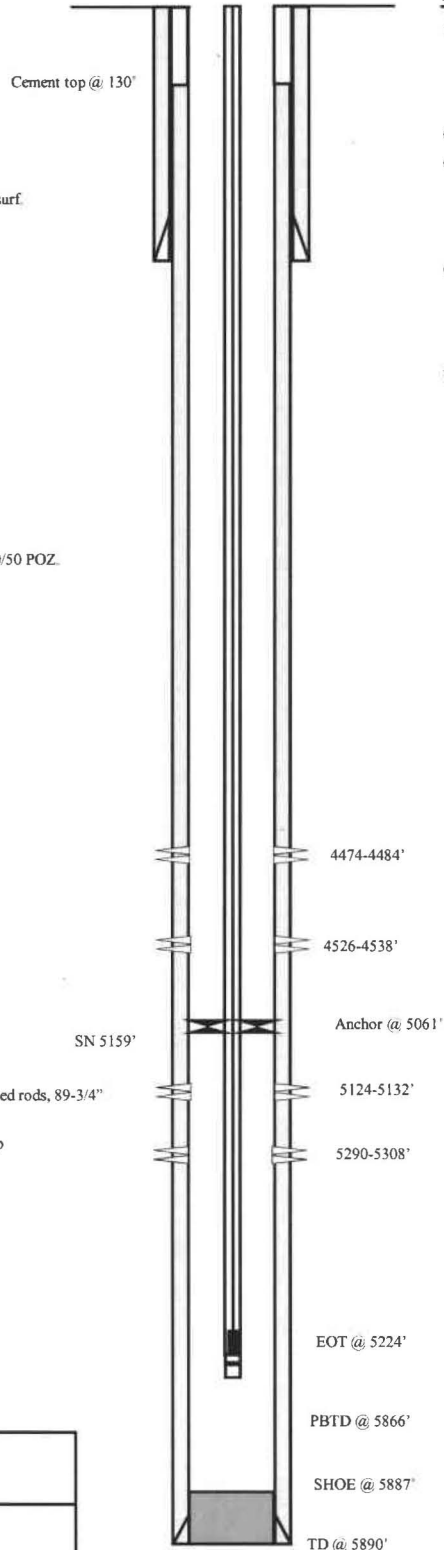
02/20/07 5124-5132' **Frac LODC sands as follows:**  
35230# 20/40 sand in 381 bbls Lightning 17 frac fluid. Treated @ avg press of 2771 psi w/avg rate of 21.0 BPM. ISIP 2640 psi. Calc flush: 5122 gal. Actual flush: 4536 gal.

02/21/07 4526-4484' **Frac D1 & D2 sands as follows:**  
45412# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 1817 psi w/avg rate of 24.3 BPM. ISIP 1805 psi. Calc flush: 4524 gal. Actual flush: 4368 gal.

7/13/07 Pump change. Updated Tubing & Rod detail.

PERFORATION RECORD

12/15/06	5290-5308'	4 JSPF	72 holes
02/20/07	5124-5132'	4 JSPF	32 holes
02/20/07	4526-4538'	4 JSPF	48 holes
02/20/07	4474-4484'	4 JSPF	40 holes



Ashley Federal 12-25-9-15

1985' FSL & 676' FWL

NW/SW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32886; Lease #UTU-66185



## Ashley Federal 13-24-9-15

Spud Date: 07/09/06  
Put on Production: 08/14/06

K.B.: 6343, G.L.: 6331

**SURFACE CASING**

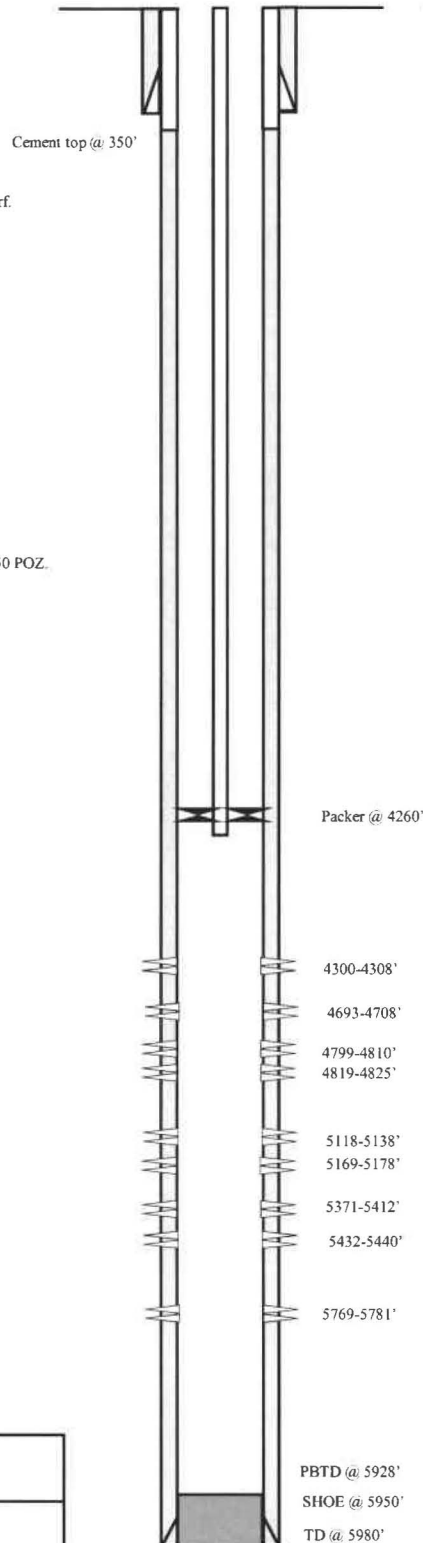
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (310.53')  
DEPTH LANDED: 322.38' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 4 bbls cmt to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 136 jts. (5936.81')  
DEPTH LANDED: 5950.06' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 300 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 350'

**TUBING**

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 134 jts (4243.99')  
TUBING PACKER: 4260.44' KB  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 4255.99' KB  
TOTAL STRING LENGTH: EOT @ 4264.84' KB

**Injection Wellbore  
Diagram**

Initial Production: BOPD,  
MCFD, BWPD

**FRAC JOB**

08/08/06	5769-5781'	<b>Frac CP5, sands as follows:</b> 35142# 20/40 sand in 399 bbls Lightning 17 frac fluid. Treated @ avg press of 2320 psi w/avg rate of 25.1 BPM. ISIP 2425 psi. Calc flush: 5779 gal. Actual flush: 5254 gal.
08/08/06	5371-5440'	<b>Frac CP1, LODC sands as follows:</b> 147433# 20/40 sand in 998 bbls Lightning 17 frac fluid. Treated @ avg press of 1835 psi w/avg rate of 225 BPM. ISIP 2075 psi. Calc flush: 5438 gal. Actual flush: 4880 gal.
08/08/06	5118-5178'	<b>Frac LODC sands as follows:</b> 80602# 20/40 sand in 644 bbls Lightning 17 frac fluid. Treated @ avg press of 2500 psi w/avg rate of 24.9 BPM. ISIP 2875 psi. Calc flush: 5176 gal. Actual flush: 4591 gal.
08/09/06	4799-4825'	<b>Frac B2 sands as follows:</b> 45410# 20/40 sand in 519 bbls Lightning 17 frac fluid. Treated @ avg press of 1710 psi w/avg rate of 25.1 BPM. ISIP 1750 psi. Calc flush: 4823 gal. Actual flush: 4322 gal.
08/09/06	4693-4708'	<b>Frac C sands as follows:</b> 45123# 20/40 sand in 520 bbls Lightning 17 frac fluid. Treated @ avg press of 2040 psi w/avg rate of 25.2 BPM. ISIP 1975 psi. Calc flush: 4706 gal. Actual flush: 4183 gal.
08/09/06	4300-4308'	<b>Frac PB10 sands as follows:</b> 30040# 20/40 sand in 334 bbls Lightning 17 frac fluid. Treated @ avg press of 2200 psi w/avg rate of 25 BPM. ISIP 1950 psi. Calc flush: 4306 gal. Actual flush: 4217 gal.
05/28/08		hole in tubing. Updated rod and tubing details
10/7/08		<b>Well converted to an Injection Well.</b>
10/23/08		<b>5 Year MIT completed and submitted.</b>

**PERFORATION RECORD**

07/31/06	5769-5781'	4 JSPF	48 holes
08/08/06	5432-5440'	4 JSPF	32 holes
08/08/06	5371-5412'	2 JSPF	82 holes
08/08/06	5169-5178'	4 JSPF	36 holes
08/08/06	5118-5138'	4 JSPF	80 holes
08/08/06	4819-4825'	4 JSPF	24 holes
08/08/06	4799-4810'	4 JSPF	44 holes
08/09/06	4693-4708'	4 JSPF	60 holes
08/09/06	4300-4308'	4 JSPF	32 holes

**NEWFIELD****Ashley Federal 13-24-9-15**

600' FSL &amp; 660' FWL

SW/SW Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32820; Lease #UTU-02458

## NEWFIELD



## Schematic

43-013-32821

Well Name: Ashley 14-24-9-15

Surface Legal Location 24-9S-15E	API/WVI 43013328210000	Well RC 500159431	Lease	State/Province Utah	Field Name GMBU CTEB3	County N/A
Spud Date 7/11/2006	Rig Release Date 7/26/2006	On Production Date 8/23/2006	Original KB Elevation (ft) 6,324	Ground Elevation (ft) 6,312	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)

## Most Recent Job

Job Category Production / Workover	Primary Job Type Conversion	Secondary Job Type Basic	Job Start Date 7/2/2014	Job End Date 7/8/2014
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TD: 5,956.0

Vertical - Original Hole, 7/9/2014 3:08:14 PM

MD (ftKB)	TVD (ftKB)	Incl (°)	DLS	Vertical schematic (actual)
			DLS (°...	
12.1				<p>1; Conductor; 20 in; 19.000 in; 12-30 ftKB; 18.00 ft</p> <p>2; Surface; 8 5/8 in; 8.097 in; 12-322 ftKB; 310.00 ft</p> <p>5-1; Tubing; 2 7/8; 2.441; 12-4,658; 4,646.24</p> <p>5-2; Pump Seating Nipple; 2 7/8; 4,658-4,659; 1.10</p> <p>5-3; On-Off Tool; 2 7/8; 4,659-4,661; 1.80</p> <p>5-4; Packer; 5 1/2; 4,950; 4,661-4,668; 6.92</p> <p>5-5; Cross Over; 2 3/8; 1.991; 4,668-4,669; 0.50</p> <p>5-6; Tubing Pup Joint; 2 3/8; 4,669-4,673; 4.18</p> <p>5-7; XN Nipple; 2 3/8; 4,673-4,674; 1.10</p> <p>5-8; Wireline Guide; 2 3/8; 4,674-4,674; 0.45</p> <p>Perforated; 4,707-4,715; 8/18/2006</p> <p>Perforated; 4,800-4,812; 8/18/2006</p> <p>Perforated; 5,056-5,070; 8/18/2006</p> <p>Perforated; 5,210-5,223; 8/18/2006</p> <p>Perforated; 5,356-5,452; 8/5/2006</p> <p>3; Production; 5 1/2 in; 4,950 in; 12-5,956 ftKB; 5,943.93 ft</p>
29.9				
100.1				
321.9				
4,658.1				
4,659.4				
4,661.1				
4,668.0				
4,668.6				
4,672.9				
4,673.9				
4,674.2				
4,707.0				
4,714.9				
4,799.9				
4,812.0				
5,056.1				
5,069.9				
5,210.0				
5,223.1				
5,356.0				
5,452.1				
5,934.4				
5,955.4				
5,956.0				

## Ashley Federal 15-24-9-15

Spud Date: 09/06/06  
Put on Production: 5873  
K.B.: 6499, G.L.: 6487

Injection Wellbore  
DiagramSURFACE CASING

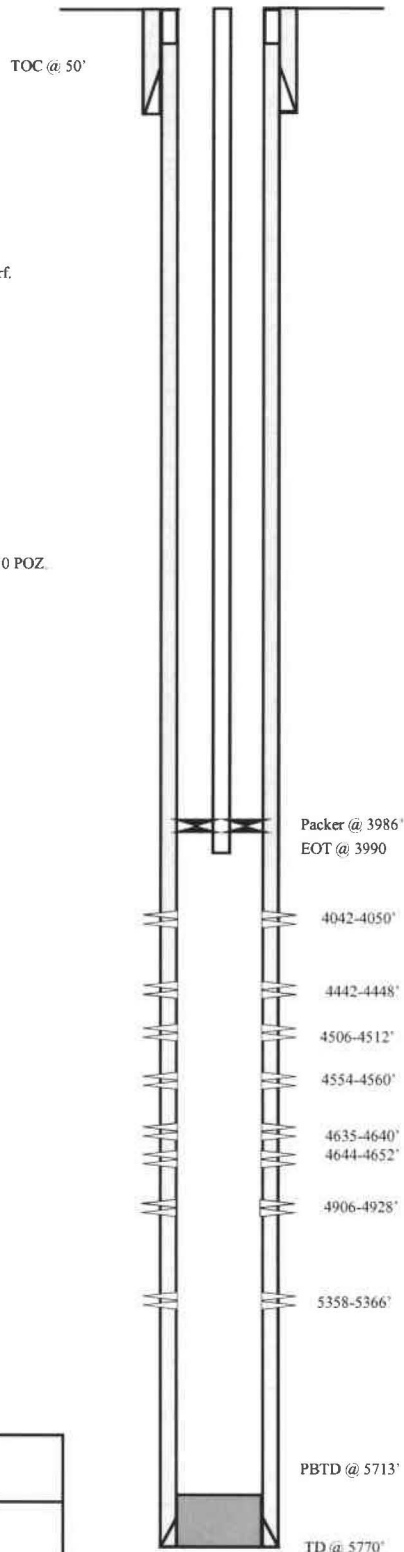
CSG SIZE: 8-5/8"  
GRADE: J-55  
WEIGHT: 24#  
LENGTH: 7 jts. (311.30')  
DEPTH LANDED: 313.15' KB  
HOLE SIZE: 12-1/4"  
CEMENT DATA: 160 sxs Class "G" cmt, est 3 bbls cmt to surf.

PRODUCTION CASING

CSG SIZE: 5-1/2"  
GRADE: J-55  
WEIGHT: 15.5#  
LENGTH: 131 jts. (5746.20')  
DEPTH LANDED: 5759.45' KB  
HOLE SIZE: 7-7/8"  
CEMENT DATA: 330 sxs Prem. Lite II mixed & 450 sxs 50/50 POZ.  
CEMENT TOP: 50'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#  
NO. OF JOINTS: 125 jts (3969.9')  
SEATING NIPPLE: 2-7/8" (1.10')  
SN LANDED AT: 3981.9' KB  
CE @ 3986.3  
TOTAL STRING LENGTH: EOT @ 3990' KB

FRAC JOB

10/19/06	5358-5366'	<b>Frac CP2, sands as follows:</b> 34064# 20/40 sand in 412 bbls Lightning 17 frac fluid. Treated @ avg press of 2100 psi w/avg rate of 24.9 BPM. ISIP 2125 psi. Calc flush: 5364 gal. Actual flush: 4830 gal.
10/19/06	54906-4928'	<b>Frac LODC sands as follows:</b> 39301# 20/40 sand in 423 bbls Lightning 17 frac fluid. Treated @ avg press of 2710 psi w/avg rate of 24.8 BPM. ISIP 2250 psi. Calc flush: 4926 gal. Actual flush: 4397 gal.
10/19/06	4635-4652'	<b>Frac B2 sands as follows:</b> 65465# 20/40 sand in 507bbls Lightning 17 frac fluid. Treated @ avg press of 2065 psi w/avg rate of 24.9 BPM. ISIP 2310 psi. Calc flush: 4650 gal. Actual flush 4171 gal.
10/20/06	4442-4560'	<b>Frac B, S, C, D3 sands as follows:</b> 79846# 20/40 sand in 584 bbls Lightning 17 frac fluid. Treated @ avg press of 2164 psi w/avg rate of 24.9 BPM. ISIP 2300 psi. Calc flush: 4558 gal. Actual flush: 3936 gal.
10/20/06	4042-4050'	<b>Frac PB8 sands as follows:</b> 20405# 20/40 sand in 286 bbls Lightning 17 frac fluid. Treated @ avg press of 2057psi w/avg rate of 14.4 BPM. ISIP1950psi. Calc flush: 4048 gal. Actual flush:3948gal.
11-6-07		<b>Pump Change.</b> Updated rod & tubing details.
08-24-10		<b>Convert to Injection well</b>
08-30-10		<b>MIT Completed</b> - tbg detail updated

PERFORATION RECORD

10/13/06	5358-5366'	4 JSPF	32 holes
10/19/06	4906-4928'	4 JSPF	88 holes
10/19/06	4644-4652'	4 JSPF	32 holes
10/19/06	4635-4640'	4 JSPF	20 holes
10/19/06	4554-4560'	4 JSPF	24 holes
10/19/06	4506-4512'	4 JSPF	24 holes
10/19/06	4442-4448'	4 JSPF	24 holes
10/20/06	4042-4050'	4 JSPF	24 holes

**NEWFIELD****Ashley Federal 15-24-9-15**

358' FSL &amp; 1810' FEL

SW/SE Section 24-T9S-R15E

Duchesne Co, Utah

API #43-013-32943; Lease #UTU-02458



## NEWFIELD



## Schematic

43-013-52274

Well Name: GMBU A-26-9-15

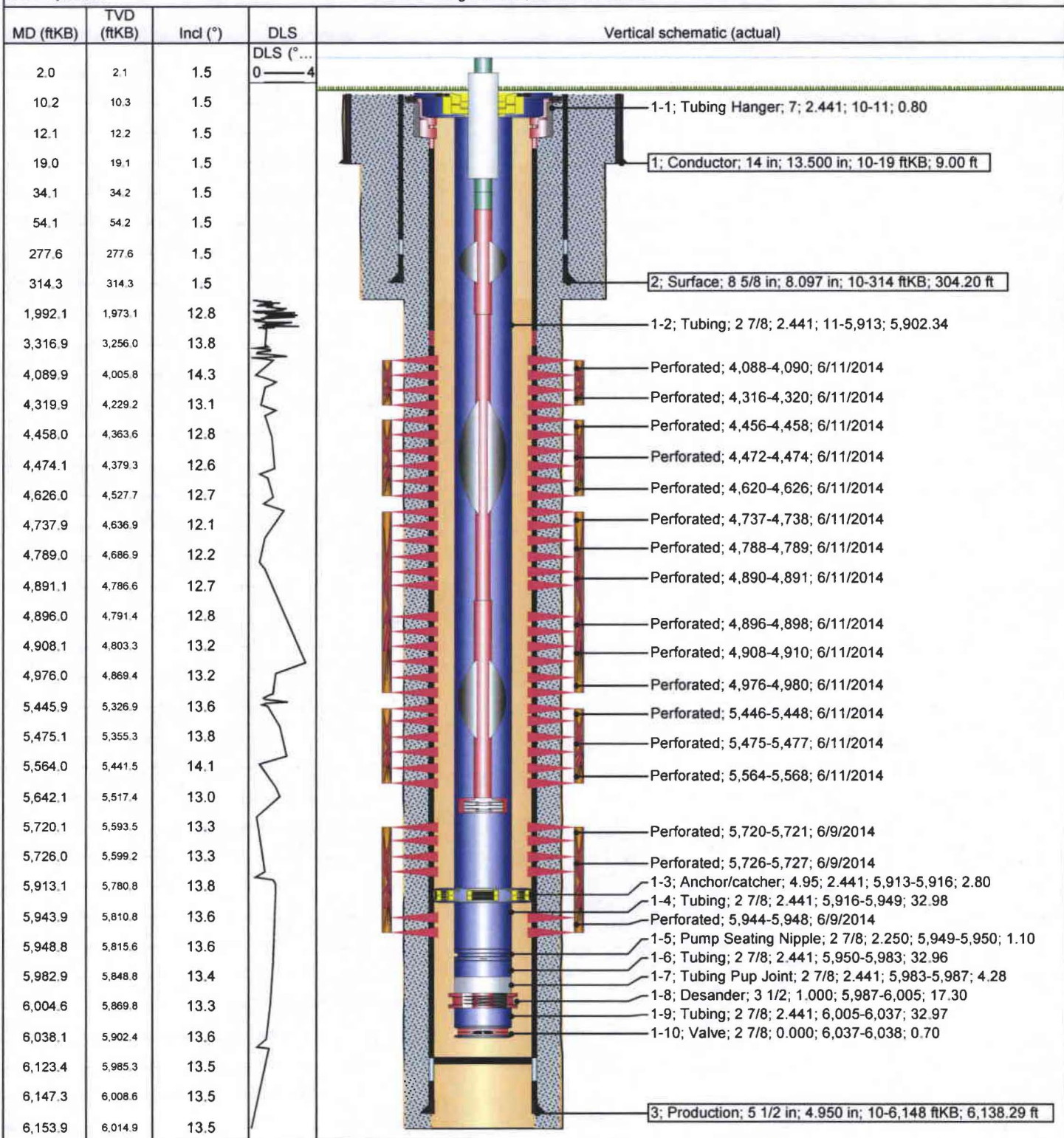
Surface Legal Location		API/UWI	Well RC	Lease	State/Province	Field Name	County
SWSW 680' FSL 647' FWL Sec 24 T9S R15E		43013522740000	500360715	UTU02458	Utah	GMBU CTB3	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)	Original Hole - 6,123.2
5/13/2014	5/23/2014		6,343	6,333	Original Hole - 6,015.1		

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	6/9/2014	6/13/2014

TD: 6,154.0

Slant - Original Hole, 8/26/2014 4:35:53 PM





## NEWFIELD



## Schematic

Well Name: GMBU X-24-9-15

43-013-52279

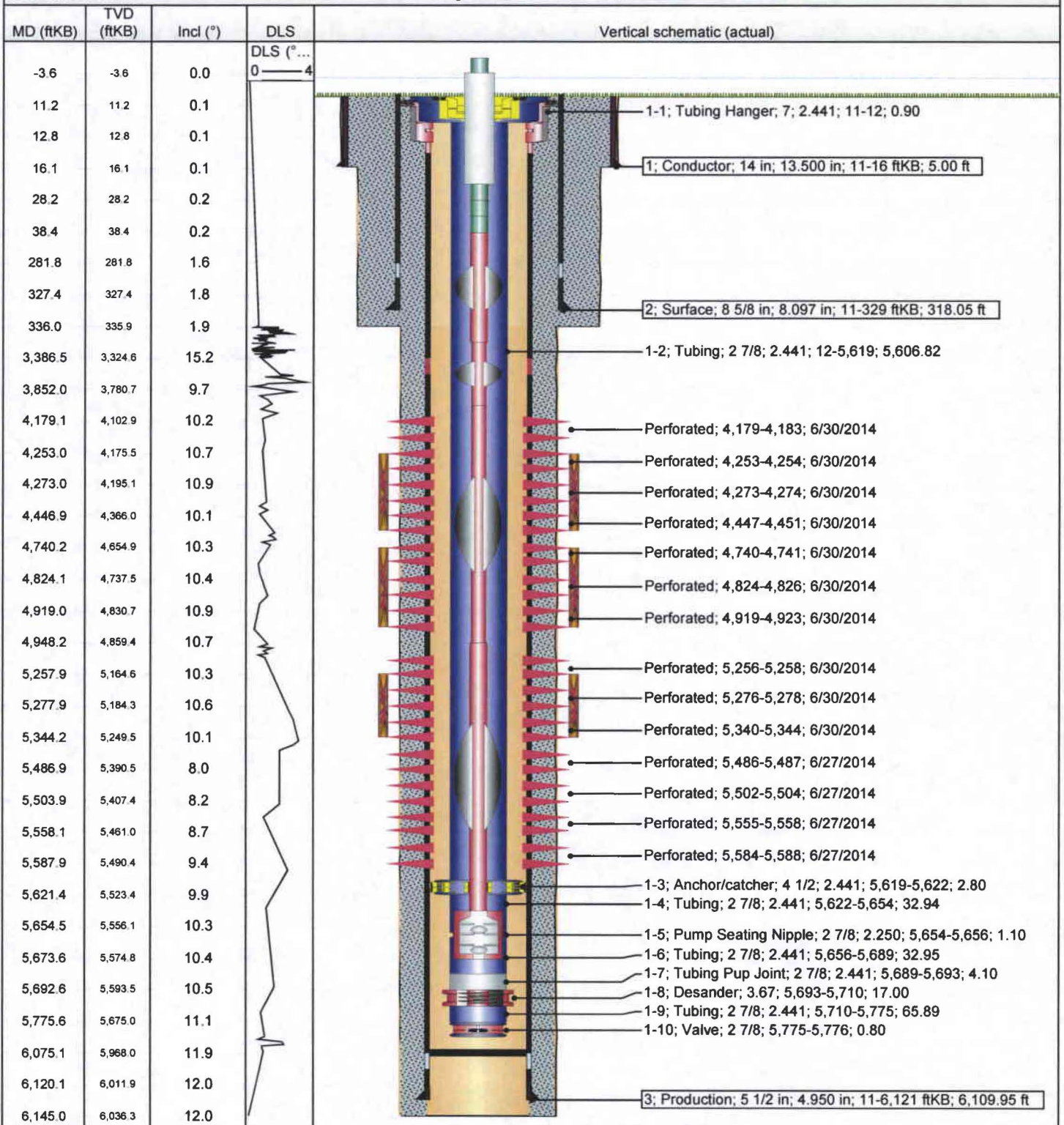
Surface Legal Location	API/UWI	Well RC	Lease	State/Province	Field Name	County
NWNW 374 FNL 609 FWL Sec 25 T9S R15E	43013522790000	500360771	UTU66185	Utah	GMBU CTB3	Duchesne
Spud Date	Rig Release Date	On Production Date	Original KB Elevation (ft)	Ground Elevation (ft)	Total Depth All (TVD) (ftKB)	PBTD (All) (ftKB)
5/30/2014	6/17/2014	7/3/2014	6,380	6,369	Original Hole - 6,036.3	Original Hole - 6,075.1

## Most Recent Job

Job Category	Primary Job Type	Secondary Job Type	Job Start Date	Job End Date
Initial Completion	Fracture Treatment	P&P	6/27/2014	7/3/2014

TD: 6,145.0

Slant - Original Hole, 9/3/2014 11:23:44 AM





## NEWFIELD



## Schematic

43-013-52573

Well Name: GMBU J-26-9-15

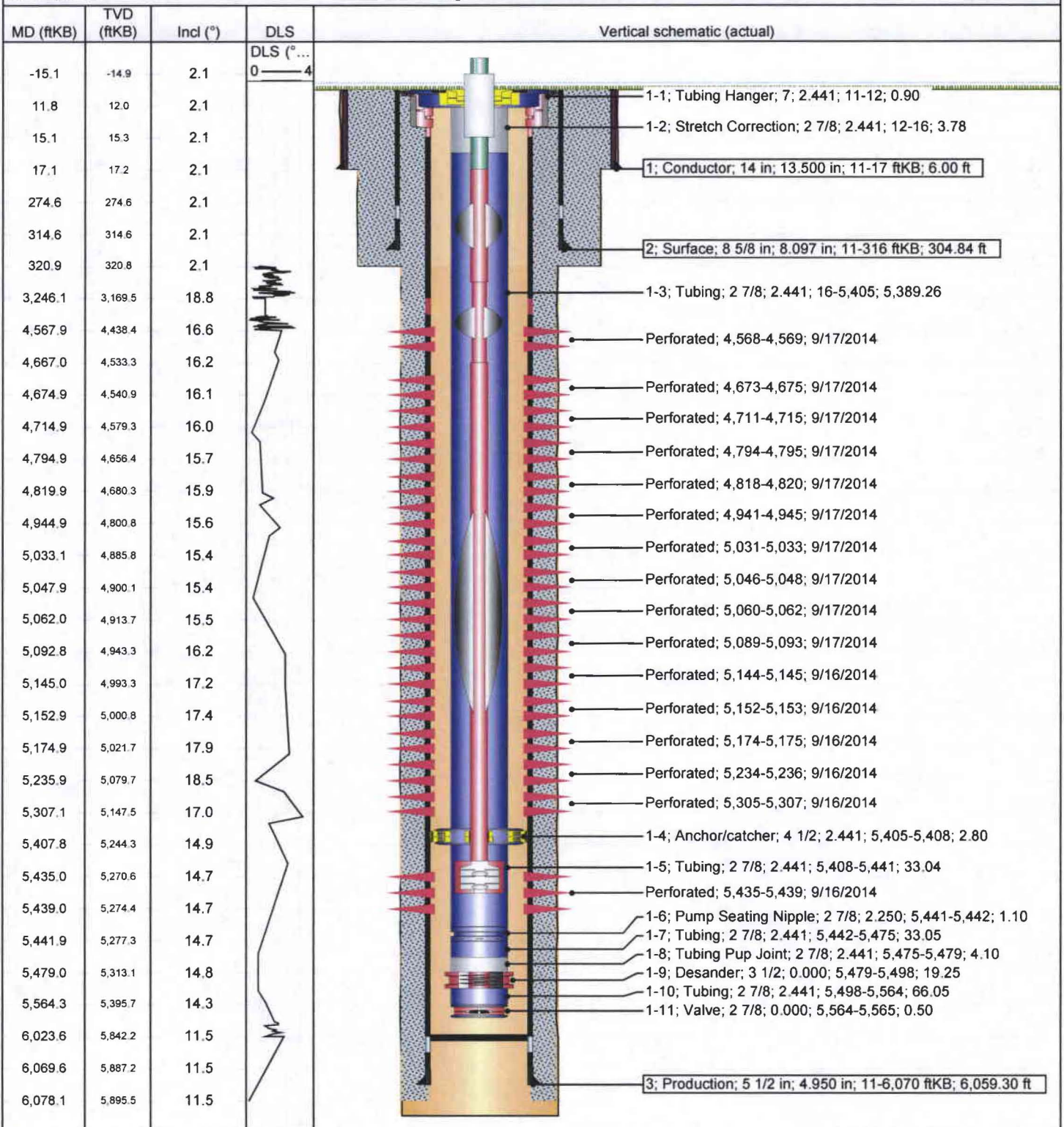
Surface Legal Location SWNW 2080 FNL 536 FWL Sec 25 T9S R15E				API/UWI 43013525730000	Well RC 500366853	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 8/19/2014	Rig Release Date 8/30/2014	On Production Date 9/23/2014	Original KB Elevation (ft) 6,313	Ground Elevation (ft) 6,302	Total Depth All (TVD) (ftKB)		PBD (All) (ftKB) Original Hole - 6,023.7		

## Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 9/16/2014	Job End Date 9/23/2014
------------------------------------	--	---------------------------	-----------------------------	---------------------------

TD: 6,079.0

Slant - Original Hole, 11/6/2014 2:07:07 PM





## Schematic

Well Name: GMBU N-25-9-15

43-013-52574

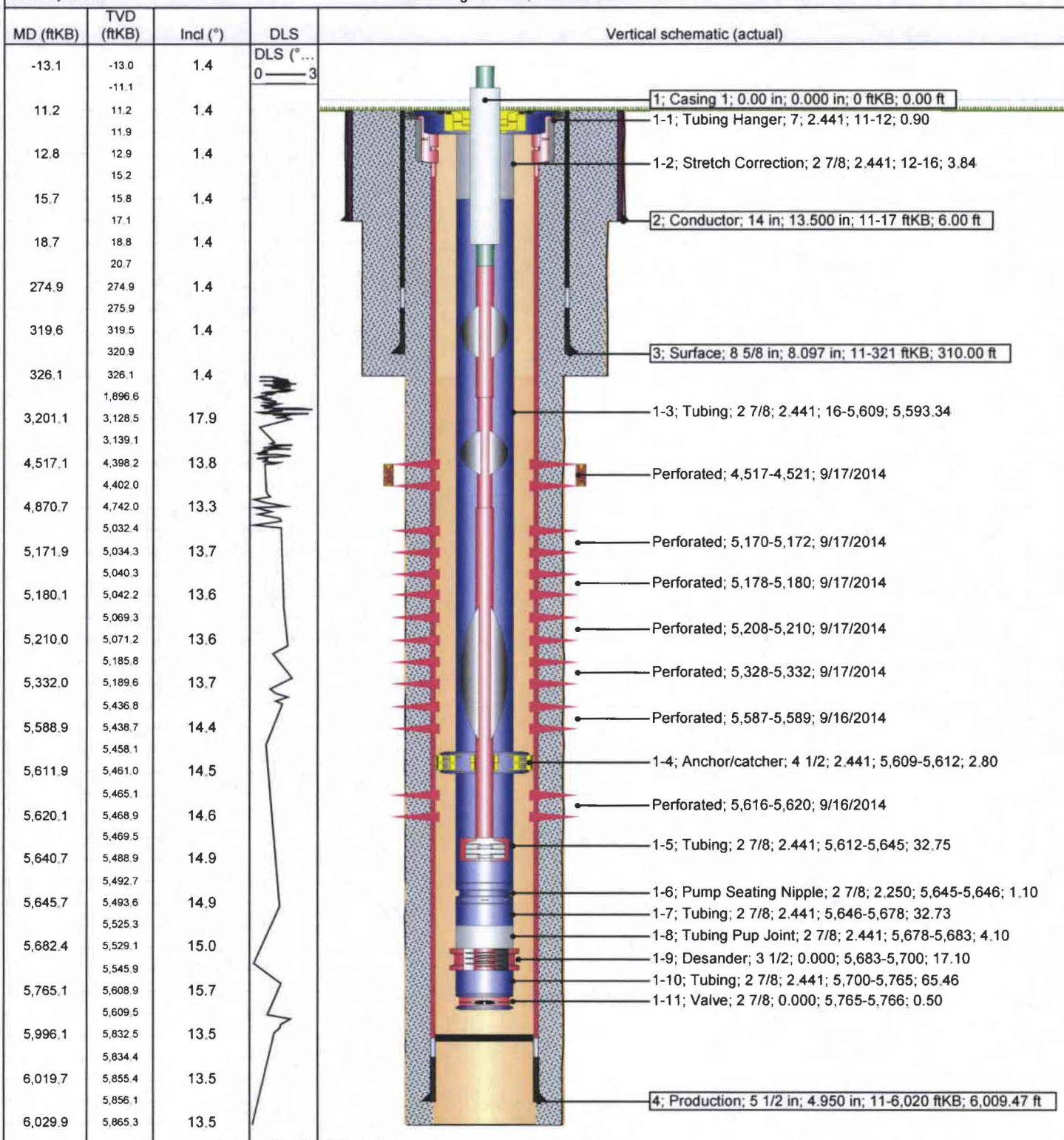
Surface Legal Location SWNW 2080 FNL 557 FWL Sec 25 T9S R15E		API/UWI 43013525740000	Well RC 500367098	Lease UTU66185	State/Province Utah	Field Name GMBU CTB3	County Duchesne
Spud Date 8/20/2014	Rig Release Date 9/2/2014	On Production Date	Original KB Elevation (ft) 6,313	Ground Elevation (ft) 6,302	Total Depth All (TVD) (ftKB) Original Hole - 5,865.4	PBTD (All) (ftKB) Original Hole - 5,996.2	

## Most Recent Job

Job Category Initial Completion	Primary Job Type Fracture Treatment	Secondary Job Type P&P	Job Start Date 9/16/2014	Job End Date 9/26/2014
------------------------------------	--	---------------------------	-----------------------------	---------------------------

TD: 6,030.0

Slant - Original Hole, 11/6/2014 2:07:44 PM





## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **6-25-9-15**Sample Point: **G-1/Treater**Sample Date: **1/20/2014**Sample ID: **WA-263921**Sales Rep: **Pete Prodromides**Lab Tech: **John Keel**Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	1/22/2014	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120	Sodium (Na):	7057.37	Chloride (Cl):	8000.00
System Pressure 1 (psig):	60	Potassium (K):	15.60	Sulfate (SO4):	120.00
System Temperature 2 (°F):	210	Magnesium (Mg):	2.10	Bicarbonate (HCO3):	4880.00
System Pressure 2 (psig):	60	Calcium (Ca):	6.60	Carbonate (CO3):	
Calculated Density (g/ml):	1.011	Strontium (Sr):	1.30	Acetic Acid (CH3COO)	
pH:	9.00	Barium (Ba):	1.30	Propionic Acid (C2H5COO)	
Calculated TDS (mg/L):	20110.57	Iron (Fe):	5.20	Butanoic Acid (C3H7COO)	
CO2 in Gas (%):		Zinc (Zn):	0.30	Isobutyric Acid ((CH3)2CHCOO)	
Dissolved CO2 (mg/L):	0.00	Lead (Pb):	0.00	Fluoride (F):	
H2S in Gas (%):		Ammonia NH3:		Bromine (Br):	
H2S in Water (mg/L):	5.00	Manganese (Mn):	0.10	Silica (SiO2):	20.70

## Notes:

A= .99 B=10 L=.6

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	1.87	5.70	0.00	0.00	3.77	2.87	3.87	3.78	0.00	0.00	0.00	0.00	0.00	0.00	9.16	0.16
200.00	60.00	1.83	5.69	0.00	0.00	3.76	2.87	3.83	3.78	0.00	0.00	0.00	0.00	0.00	0.00	9.24	0.16
190.00	60.00	1.78	5.68	0.00	0.00	3.76	2.87	3.78	3.78	0.00	0.00	0.00	0.00	0.00	0.00	9.34	0.16
180.00	60.00	1.74	5.67	0.00	0.00	3.76	2.87	3.74	3.78	0.00	0.00	0.00	0.00	0.00	0.00	9.44	0.16
170.00	60.00	1.70	5.66	0.01	0.02	3.77	2.87	3.69	3.78	0.00	0.00	0.00	0.00	0.00	0.00	9.55	0.16
160.00	60.00	1.67	5.65	0.05	0.08	3.78	2.87	3.65	3.78	0.00	0.00	0.00	0.00	0.00	0.00	9.66	0.16
150.00	60.00	1.63	5.64	0.09	0.14	3.80	2.87	3.60	3.78	0.00	0.00	0.00	0.00	0.00	0.00	9.79	0.16
140.00	60.00	1.60	5.63	0.13	0.20	3.82	2.87	3.55	3.78	0.00	0.00	0.00	0.00	0.00	0.00	9.92	0.16
130.00	60.00	1.56	5.62	0.18	0.27	3.86	2.87	3.50	3.78	0.00	0.00	0.00	0.00	0.00	0.00	10.06	0.16
120.00	60.00	1.54	5.61	0.24	0.33	3.90	2.87	3.45	3.78	0.00	0.00	0.00	0.00	0.00	0.00	10.21	0.16

2016

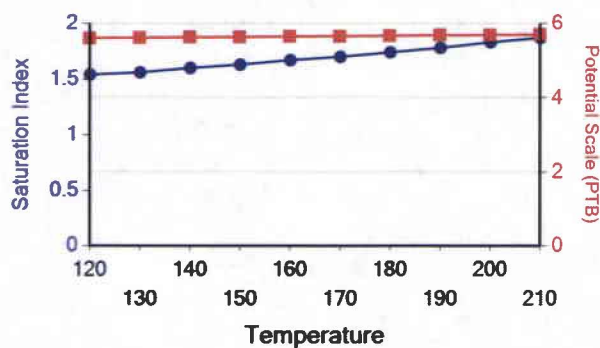
## Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO <sub>4</sub> ·0.5H <sub>2</sub> O		Anhydrate CaSO <sub>4</sub>		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.52	0.20	0.00	0.00	6.42	4.17	3.30	6.55	14.47	4.04
200.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.45	0.20	0.00	0.00	6.05	4.16	3.10	6.54	14.22	4.04
190.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.37	0.20	0.00	0.00	5.68	4.15	2.89	6.53	13.97	4.04
180.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.29	0.20	0.00	0.00	5.31	4.14	2.68	6.51	13.73	4.04
170.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.20	0.20	0.00	0.00	4.92	4.11	2.47	6.48	13.48	4.04
160.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.11	0.20	0.00	0.00	4.54	4.09	2.26	6.43	13.23	4.04
150.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	2.01	0.20	0.00	0.00	4.15	4.04	2.05	6.35	12.99	4.04
140.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.91	0.20	0.00	0.00	3.75	3.99	1.84	6.22	12.75	4.04
130.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80	0.20	0.00	0.00	3.36	3.91	1.63	6.03	12.51	4.04
120.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	0.20	0.00	0.00	2.96	3.81	1.42	5.77	12.27	4.04

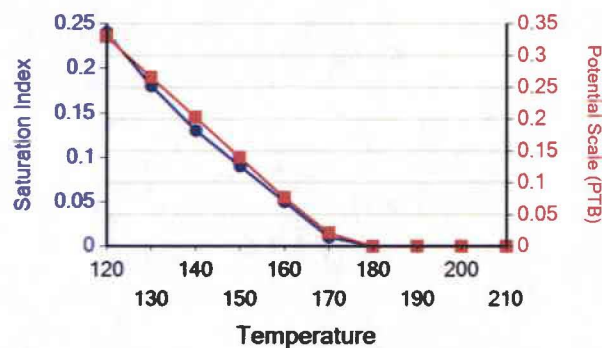
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

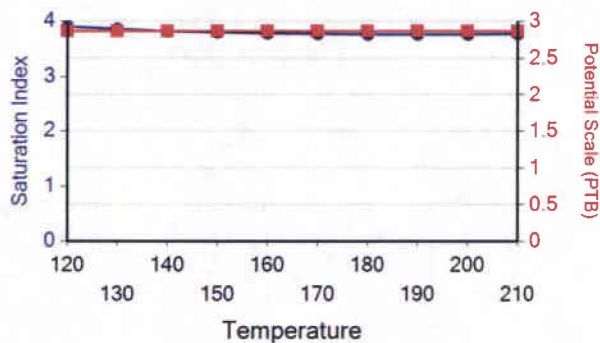
Calcium Carbonate



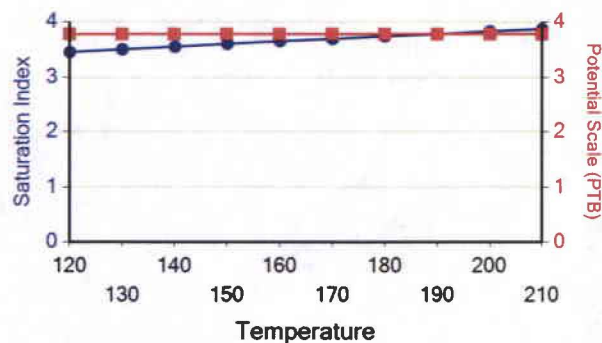
Barium Sulfate



Iron Sulfide



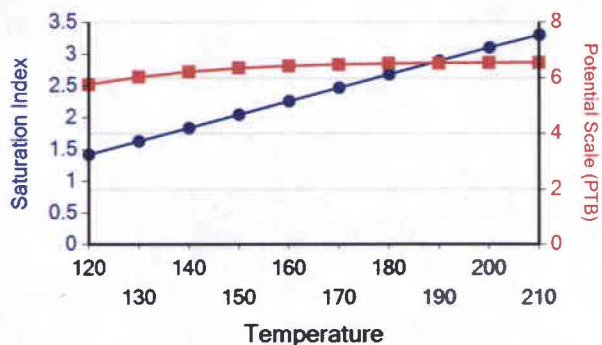
Iron Carbonate



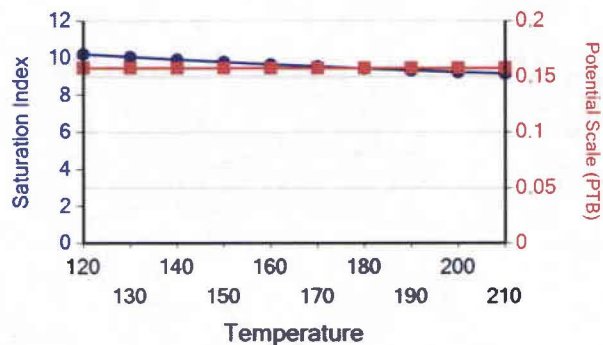


Water Analysis Report

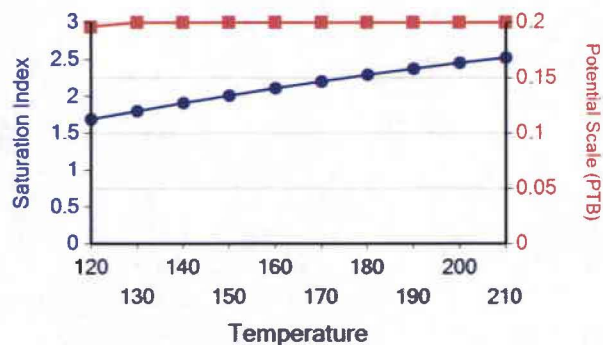
Ca Mg Silicate



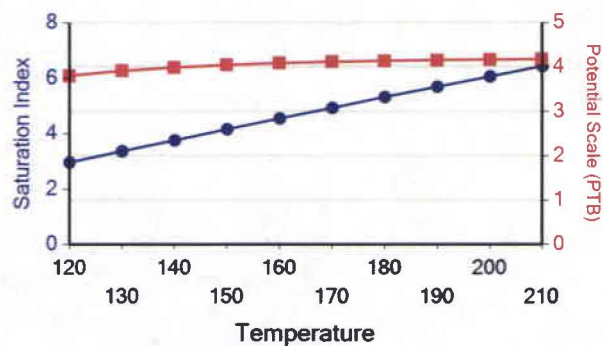
Zinc Sulfide



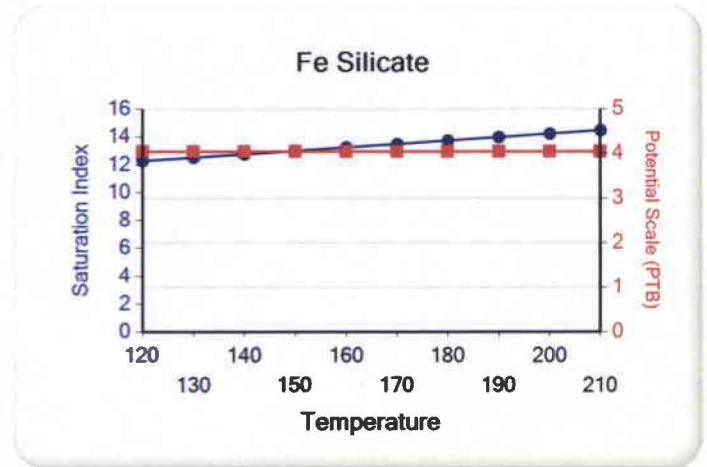
Zinc Carbonate



Mg Silicate



Water Analysis Report



## Multi-Chem Analytical Laboratory

1553 East Highway 40

Vernal, UT 84078

Units of Measurement: **Standard**

ATTACHMENT F

5 of 8

multi-chem<sup>®</sup>

A HALLIBURTON SERVICE

## Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Well Name: **ASHLEY INJ FACILITY**Sample Point: **After All Filters**Sample Date: **11/18/2013**Sample ID: **WA-259559**Sales Rep: **Jacob Bird**Lab Tech: **Gary Winegar**Scaling potential predicted using ScaleSoftPitzer from  
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
Test Date:	11/27/2013	Cations	mg/L	Anions	mg/L
System Temperature 1 (°F):	120	Sodium (Na):	4018.00	Chloride (Cl):	9000.00
System Pressure 1 (psig):	2000	Potassium (K):	1781.00	Sulfate (SO <sub>4</sub> ):	85.00
System Temperature 2 (°F):	210	Magnesium (Mg):	13.00	Bicarbonate (HCO <sub>3</sub> ):	1224.00
System Pressure 2 (psig):	2000	Calcium (Ca):	42.00	Carbonate (CO <sub>3</sub> ):	
Calculated Density (g/ml):	1.008	Strontium (Sr):	8.10	Acetic Acid (CH <sub>3</sub> COO)	
pH:	8.30	Barium (Ba):	6.00	Propionic Acid (C <sub>2</sub> H <sub>5</sub> COO)	
Calculated TDS (mg/L):	16204.49	Iron (Fe):	1.50	Butanoic Acid (C <sub>3</sub> H <sub>7</sub> COO)	
CO <sub>2</sub> in Gas (%):		Zinc (Zn):	0.03	Isobutyric Acid ((CH <sub>3</sub> ) <sub>2</sub> CHCOO)	
Dissolved CO <sub>2</sub> (mg/L):	80.00	Lead (Pb):	0.00	Fluoride (F):	
H <sub>2</sub> S in Gas (%):		Ammonia NH <sub>3</sub> :		Bromine (Br):	
H <sub>2</sub> S in Water (mg/L):	4.00	Manganese (Mn):	0.18	Silica (SiO <sub>2</sub> ):	25.68

## Notes:

B=6 A=0.07 LI=2.1

(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO <sub>4</sub> ·2H <sub>2</sub> O		Celestite SrSO <sub>4</sub>		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	1.46	33.08	0.51	2.43	2.40	0.82	2.02	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.44	0.01
200.00	2000.00	1.41	32.54	0.52	2.46	2.38	0.82	1.97	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.52	0.01
190.00	2000.00	1.36	31.94	0.54	2.51	2.37	0.82	1.92	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.61	0.01
180.00	2000.00	1.31	31.31	0.56	2.56	2.36	0.82	1.87	1.08	0.00	0.00	0.00	0.00	0.00	0.00	7.70	0.01
170.00	2000.00	1.27	30.63	0.59	2.62	2.36	0.82	1.82	1.07	0.00	0.00	0.00	0.00	0.00	0.00	7.80	0.01
160.00	2000.00	1.23	29.93	0.62	2.69	2.37	0.82	1.77	1.07	0.00	0.00	0.00	0.00	0.00	0.00	7.91	0.01
150.00	2000.00	1.19	29.20	0.66	2.76	2.38	0.82	1.72	1.07	0.00	0.00	0.00	0.00	0.00	0.00	8.03	0.01
140.00	2000.00	1.15	28.46	0.70	2.84	2.39	0.82	1.67	1.07	0.00	0.00	0.00	0.00	0.00	0.00	8.15	0.01
130.00	2000.00	1.11	27.72	0.75	2.92	2.42	0.82	1.61	1.06	0.00	0.00	0.00	0.00	0.00	0.00	8.29	0.01
120.00	2000.00	1.08	26.99	0.81	2.99	2.45	0.82	1.56	1.06	0.00	0.00	0.00	0.00	0.00	0.00	8.43	0.01



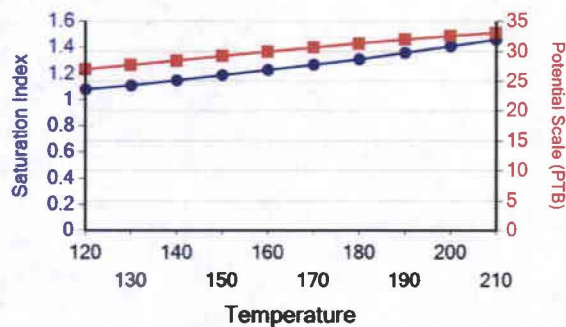
Water Analysis Report

Temp (°F)	PSI	Hemihydrate CaSO <sub>4</sub> ·0.5H <sub>2</sub> O		Anhydrate CaSO <sub>4</sub>		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
		SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
210.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.01	0.00	0.00	5.45	21.52	2.81	13.36	9.15	1.17
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.01	0.00	0.00	5.03	20.36	2.56	12.56	8.85	1.16
190.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.01	0.00	0.00	4.61	19.03	2.32	11.64	8.55	1.16
180.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.01	0.00	0.00	4.18	17.56	2.07	10.62	8.25	1.16
170.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	3.74	15.97	1.82	9.52	7.95	1.16
160.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.30	14.29	1.56	8.35	7.65	1.16
150.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.86	12.54	1.31	7.13	7.34	1.16
140.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.41	10.74	1.06	5.88	7.05	1.16
130.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.97	8.91	0.81	4.61	6.76	1.16
120.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.52	7.04	0.56	3.33	6.47	1.16

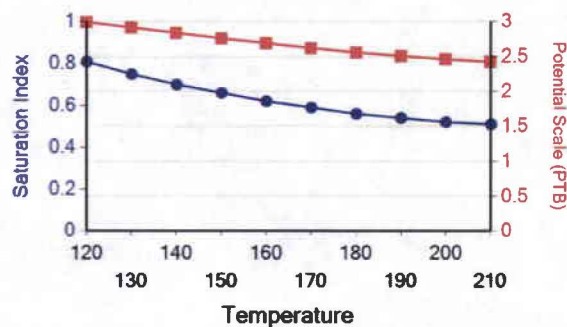
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Mg Silicate Ca Mg Silicate Fe Silicate

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Mg Silicate Ca Mg Silicate Fe Silicate

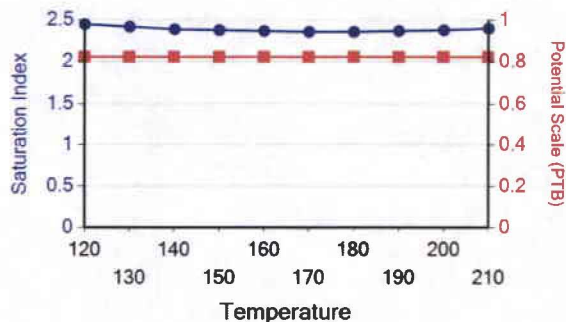
Calcium Carbonate



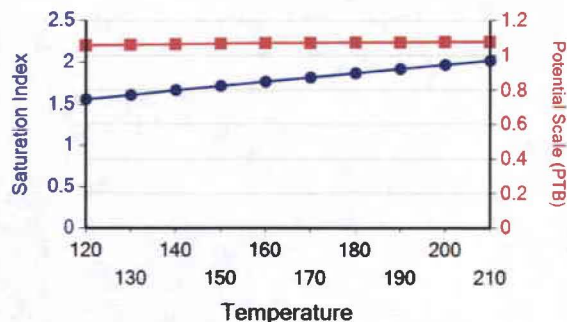
Barium Sulfate



Iron Sulfide

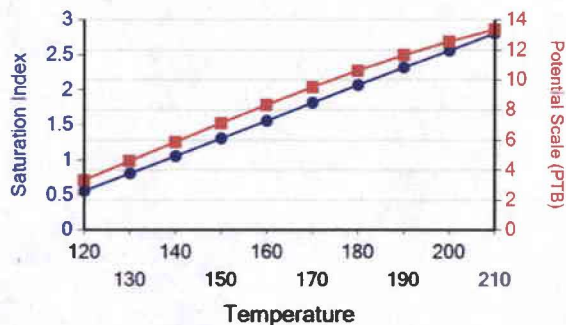


Iron Carbonate

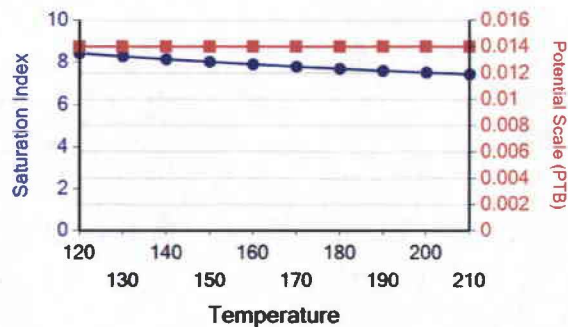


## Water Analysis Report

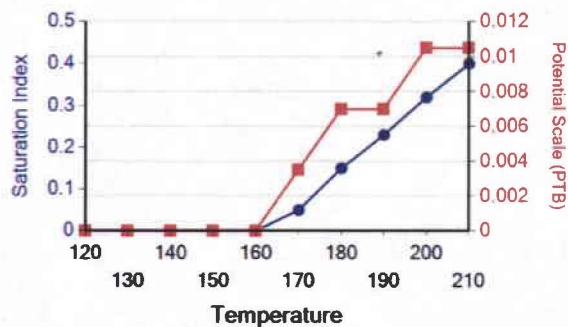
Ca Mg Silicate



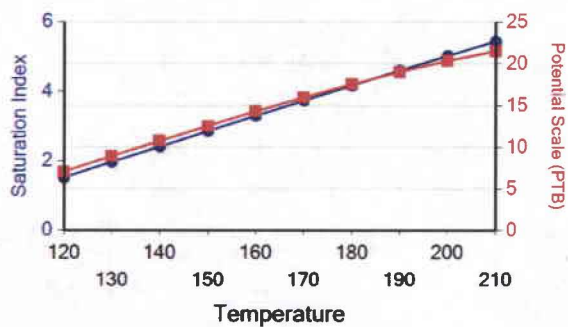
Zinc Sulfide



Zinc Carbonate

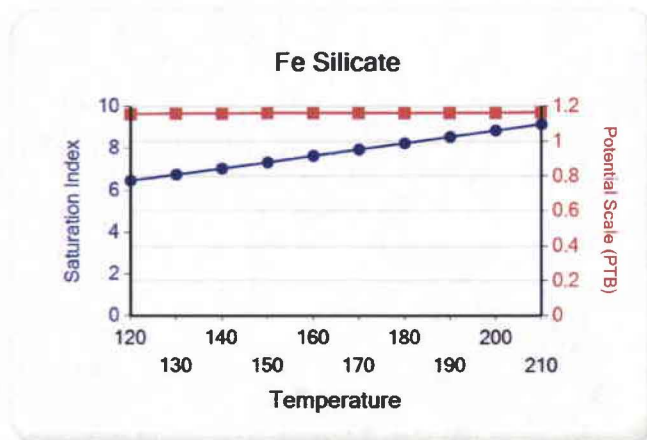


Mg Silicate





Water Analysis Report



**Attachment "G"**

**Federal #6-25-9-15  
Proposed Maximum Injection Pressure**

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5216	5223	5220	2010	0.82	1976 ←
4980	5138	5059	2010	0.84	1978
4596	4603	4600	2080	0.89	2050
4319	4347	4333	2050	0.91	2022
4122	4130	4126	2700	1.09	2673
				<b>Minimum</b>	<u><u>1976</u></u>

**Calculation of Maximum Surface Injection Pressure**

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$   
 where pressure gradient for the fresh water is .433 psi/ft and  
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

**Please note:** These are existing perforations; additional perforations may be added during the actual conversion procedure.



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 6-25-9-15

Report Date: 10/25/2006

Day: 1

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8' @ 323'

Prod Csg: 5 1/2" @ 5924'

Csg PBTD: 5616' WL

Tbg: Size: Wt:

Grd: Pkr/EOT @:

BP/Sand PBTD:

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5129-5138'	9/36
			CP .5 sds	5216-5223'	7/28

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/24/2006

SITP: SICP: 0

Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5616' & cement top @ 20' Perforate stage #1, CP.5 sds @ 5216-23' & LODC sds @ 5129-38' w/ 4" Port guns (19 gram, .46"HE. 120°) w/ 4 spf for total of 64 shots. 134 bbls EWTR. SIFN.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 0

Starting oil rec to date:

Fluid lost/recovered today: 134

Oil lost/recovered today:

Ending fluid to be recovered: 134

Cum oil recovered:

IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Job Type:

Company:

Procedure or Equipment detail:

Max TP: Max Rate: Total fluid pmpd:

Avg TP: Avg Rate: Total Prop pmpd:

ISIP: 5 min: 10 min: 15 min:

Completion Supervisor: Don Dulen

DAILY COST: \$0

TOTAL WELL COST:



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## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 6-25-9-15Report Date: 10/31/2006Day: 2aOperation: CompletionRig: Rigless

## WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5924' Csg PBTD: 5616' WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD:

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	<u>5129-5138'</u>	<u>9/36</u>
			CP .5 sds	<u>5216-5223'</u>	<u>7/28</u>

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/30/2006SITP:  SICP: 0

Day2a.

RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #1 down casing w/ 24,055#'s of 20/40 sand in 329 bbls of Lightning 17 frac fluid. Open well w/ 0 psi. Perfs broke down @ 2560 psi. Treated @ ave pressure of 2255 @ ave rate of 24.8 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2010. 463 bbls EWTR. Leave pressure on well. See day2b.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 134 Starting oil rec to date:   
 Fluid lost/recovered today: 329 Oil lost/recovered today:   
 Ending fluid to be recovered: 463 Cum oil recovered:   
 IFL:  FFL:  FTP:  Choke:  Final Fluid Rate:  Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services

Procedure or Equipment detail: CP.5 & LODC sds down casing546 gals to cross link2478 gals of pad1915 gals w/ 1-4 ppg of 20/40 sand3293 gals w/ 4-6.5 ppg of 20/40 sand504 gals of 15% HCL acidFlush w/ 5082 gals of Slick water\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*Max TP: 2520 Max Rate: 25.1 Total fluid pmpd: 329 bblsAvg TP: 2255 Avg Rate: 24.8 Total Prop pmpd: 24,055#'sISIP: 2010 5 min:  10 min:  FG: .82Completion Supervisor: Ron ShuckDAILY COST: \$0TOTAL WELL COST: \$0



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 6-25-9-15 Report Date: 10/31/2006 Day: 2b  
 Operation: Completion Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5924' Csg PBTD: 5616' WL  
 Tbg: Size: Wt: Grd: Pkr/EOT @: BP/Sand PBTD: 5070'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5006-5016'	4/40
			LODC sds	5129-5138'	4/36
			CP .5 sds	5216-5223'	4/28
LODC sds	4980-4989'	4/36			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/30/2006 SITP:            SICP: 1750

Day2b.

RU Lone Wolf WLT, crane & lubricator. WLT broke down. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 10', 9' perf guns. Set plug @ 5070'. Perforate LODC sds @ 5006-16', 4980-89' w/ 3-1/8" Slick Guns ( 23 gram, .43"HE, 90° ) w/ 4 spf for total of 76 shots. RU BJ & frac stage #2 w/ 75,092#'s of 20/40 sand in 567 bbls of Lightning 17 frac fluid. Open well w/ 1750 psi. Perfs broke down @ 2520 psi. Treated @ ave pressure of 2545 @ ave rate of 26.7 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2010. 1030 bbls EWTR. Leave pressure on well. See day2c.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 463 Starting oil rec to date:             
 Fluid lost/recovered today: 567 Oil lost/recovered today:             
 Ending fluid to be recovered: 1030 Cum oil recovered:             
 IFL:            FFL:            FTP:            Choke:            Final Fluid Rate:            Final oil cut:           

## STIMULATION DETAIL

## COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac  
 Company: BJ Services

Procedure or Equipment detail: LODC sds down casing

5796 gals of pad

3944 gals w/ 1-5 ppg of 20/40 sand

7872 gals w/ 5-8 ppg of 20/40 sand

1246 gals w/ 8 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4452 gals of Slick water

\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*

Max TP: 2850 Max Rate: 29.2 Total fluid pmpd: 567 bbls

Avg TP: 2545 Avg Rate: 26.7 Total Prop pmpd: 75,092#'s

ISIP: 2750 5 min:            10 min:            FG: 98

Completion Supervisor: Ron Shuck

DAILY COST:            \$0

TOTAL WELL COST:            \$0



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 6-25-9-15  
Operation: Completion

Report Date: 10/31/2006

Day: 2c

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5924' Csg PBTD: 5616' WL  
Tbg: Size: \_\_\_\_\_ Wt: \_\_\_\_\_ Grd: \_\_\_\_\_ Pkr/EOT @: \_\_\_\_\_ BP/Sand PBTD: 4710'  
plug 5070'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	5006-5016'	4/40
			LODC sds	5129-5138'	4/36
			CP .5 sds	5216-5223'	4/28
B2 sds	4596-4603'	4/28			
LODC sds	4980-4989'	4/36			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/30/2006

SITP: \_\_\_\_\_ SICP: 2050

Day2c.

RU WLT. RIH w/ frac plug & 7' perf guns. Set plug @ 4710'. Perforate B2 sds @ 4596-4603' w/ 4 spf for total of 28 shots. RU BJ & frac stage #3 w/ 24,277#'s of 20/40 sand in 324 bbls of Lightning 17 frac fluid. Open well w/ 2050 psi Perfs broke down @ 3294 psi. Treated @ ave pressure of 2345 @ ave rate of 24.9 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2080. 1354 bbls EWTR. Leave pressure on well. See day2d.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1030 Starting oil rec to date: \_\_\_\_\_  
Fluid lost/recovered today: 324 Oil lost/recovered today: \_\_\_\_\_  
Ending fluid to be recovered: 1354 Cum oil recovered: \_\_\_\_\_  
IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

## STIMULATION DETAIL

## COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac  
Company: BJ Services

Procedure or Equipment detail: B2 sds down casing

840 gals to cross link

2478 gals of pad

1915 gals w/ 1-4 ppg of 20/40 sand

3755 gals w/ 4-6.5 ppg of 20/40 sand

504 gals of 15% HCL acid

Flush w/ 4116 gals of Slick water

\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*

Max TP: 2540 Max Rate: 25.1 Total fluid pmpd: 324 bbls

Avg TP: 2345 Avg Rate: 24.9 Total Prop pmpd: 24,277#'s

ISIP: 2180 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: 98

Completion Supervisor: Ron Shuck

DAILY COST: \_\_\_\_\_ \$0

TOTAL WELL COST: \_\_\_\_\_ \$0





## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 6-25-9-15Report Date: 10/31/2006Day: 2dOperation: CompletionRig: Rigless

## WELL STATUS

Surf Csg: 8 5/8' @ 323'Prod Csg: 5 1/2" @ 5924'Csg PBDT: 5616' WLTbg: Size: Wt:Grd: Pkr/EOT @:BP/Sand PBDT: 4455'plug 5070' 4710

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
			LODC sds	<u>5006-5016'</u>	<u>4/40</u>
D2 sds	<u>4319-4327'</u>	<u>4/32</u>	LODC sds	<u>5129-5138'</u>	<u>4/36</u>
D2 sds	<u>4341-4347'</u>	<u>4/24</u>	CP .5 sds	<u>5216-5223'</u>	<u>4/28</u>
B2 sds	<u>4596-4603'</u>	<u>4/28</u>			
LODC sds	<u>4980-4989'</u>	<u>4/36</u>			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/30/2006SITP: SICP: 1600

Day 2d.

RU WLT. RIH w/ frac plug & 6', 8' perf guns. Set plug @ 4455'. Perforate D2 sds @ 4341-47', 4319-27' w/ 4 spf for total of 56 shots. RU BJ & frac stage #4 w/ 27,462#'s of 20/40 sand in 335 bbls of Lightning 17 frac fluid. Open well w/ 1600 psi. Perfs broke down @ 3315 psi. Treated @ ave pressure of 2065 @ ave rate of 24.9 bpm w/ 6.5 ppg of sand Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2050. 1689 bbls EWTR. Leave pressure on well. See day 2e.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1354Starting oil rec to date: Fluid lost/recovered today: 335Oil lost/recovered today: Ending fluid to be recovered: 1689Cum oil recovered: IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## STIMULATION DETAIL

## COSTS

Base Fluid used: Lightning 17 Job Type: Sand fracCompany: BJ ServicesProcedure or Equipment detail: D2 sds down casing2982 gals of pad2319 gals w/ 1-4 ppg of 20/40 sand4443 gals w/ 4-6.5 ppg of 20/40 sand504 gals of 15% HCL acidFlush w/ 3822 gals of Slick water\*\*Flush called @ blender to include 2 bbls pump/line volume\*\*Max TP: 2210 Max Rate: 25.3 Total fluid pmpd: 335 bblsAvg TP: 2065 Avg Rate: 24.9 Total Prop pmpd: 29,462#'sISIP: 2050 5 min: 10 min: FG: .91Completion Supervisor: Ron ShuckDAILY COST: \$0TOTAL WELL COST: \$0



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 6-25-9-15

Report Date: 10/31/2006

Day: 2e

Operation: Completion

Rig: Rigless

## WELL STATUS

Surf Csg: 8 5/8' @ 323'  
Tbg: Size: Wt:Prod Csg: 5 1/2" @ 5924'  
Grd: Pkr/EOT @:Csg PBTD: 5616' WL  
BP/Sand PBTD: 4230'  
plug 5070' 4710 4455'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB11 sds	4122-4130'	4/32	LODC sds	5006-5016'	4/40
D2 sds	4319-4327'	4/32	LODC sds	5129-5138'	4/36
D2 sds	4341-4347'	4/24	CP .5 sds	5216-5223'	4/28
B2 sds	4596-4603'	4/28			
LODC sds	4980-4989'	4/36			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: 10/30/2006

SITP: SICP: 1725

Day 2e.

RU WLT. RIH w/ frac plug & 8' perf guns. Set plug @ 4230'. Perforate PB11 sds @ 4122-30' w/ 4 spf for total of 32 shots. RU BJ & frac stage #5 w/ 30,307#'s of 20/40 sand in 331 bbls of Lightning 17 frac fluid. Open well w/ 1725 psi Perfs broke down @ 4054 psi. Treated @ ave pressure of 2950 @ ave rate of 8.25 bpm (pump won't rape up so had to stay in 1st gear) w/ 6.5 ppg of sand. ISIP was 2700. 2020 bbls EWTR. RD BJ & WLT. Flow well back. Well flowe for 3 hours & died w/ 220 bbls rec'd. SIFN.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 2020 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 220 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1800 Cum oil recovered: \_\_\_\_\_  
 IFL: \_\_\_\_\_ FFL: \_\_\_\_\_ FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: \_\_\_\_\_

## STIMULATION DETAIL

## COSTS

Base Fluid used: Lightning 17 Job Type: Sand frac

Company: BJ Services

Procedure or Equipment detail: PB11 sds down casing

2982 gals of pad

2319 gals w/ 1-4 ppg of 20/40 sand

4569 gals w/ 4-6.5 ppg of 20/40 sand

Flush w/ 4032 gals of Slick water

Max TP: 3340 Max Rate: 24.7 Total fluid pmpd: 331 bbls

Avg TP: 2950 Avg Rate: 8.25 Total Prop pmpd: 30,307#'s

ISIP: 2700 5 min: 10 min: FG: 1.09

Completion Supervisor: Ron Shuck

DAILY COST: \$0

TOTAL WELL COST: \$0



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 6-25-9-15Report Date: Nov. 3, 2006Day: 03Operation: CompletionRig: Western #2

## WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5924' Csg PBTD: 5616' WL  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 4481' BP/Sand PBD: plug 5070' 4710

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB11 sds	4122-4130'	4/32	LODC sds	5006-5016'	4/40
D2 sds	4319-4327'	4/32	LODC sds	5129-5138'	4/36
D2 sds	4341-4347'	4/24	CP .5 sds	5216-5223'	4/28
B2 sds	4596-4603'	4/28			
LODC sds	4980-4989'	4/36			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 2, 2006SITP:            SICP: 0

MIRU Western #2. Well on vacuum. ND Cameron BOP & 5M frac head. Install 3M production tbg head & NL Weatherford Schaeffer BOP. Talley, drift, PU & TIH W/ new Weatherford 4 3/4" "Chomp" bit, bit sub & new 2 7/8 8rc 6.5# J-55 tbg. Tag fill @ 4097'. RU power swivel. C/O sd & drill out composite bridge plugs as follows (using conventional circulation): sd @ 4097', plug @ 4230' in 32 minutes; sd @ 4329', plug @ 4455' in 37 minutes; sd @ 4456'. C/O sd to 4519' & circ hole clean. Took 30 bbls to gain circulation & lost add'l 30 BW during cleanout. Hang back swivel. Pull EOT to 4481'. SIFN W/ est 1860 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1800 Starting oil rec to date:             
 Fluid lost/recovered today: 60 Oil lost/recovered today:             
 Ending fluid to be recovered: 1860 Cum oil recovered:             
 IFL:            FFL:            FTP:            Choke:            Final Fluid Rate:            Final oil cut:           

## STIMULATION DETAIL

## COSTS

Base Fluid used:            Job Type:             
 Company:           

Procedure or Equipment detail:

Max TP:            Max Rate:            Total fluid pmpd:             
 Avg TP:            Avg Rate:            Total Prop pmpd:             
 ISIP:            5 min:            10 min:            FG:             
 Completion Supervisor: Gary Dietz DAILY COST:            \$0  
 TOTAL WELL COST:            \$0



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 6-25-9-15

Report Date: Nov. 4, 2006

Day: 04

Operation: Completion

Rig: Western #2

## WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5924' Csg PBTD: 5653'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Pkr/EOT @: 5621' BP/Sand PBTD: 5653'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB11 sds	4122-4130'	4/32	LODC sds	5006-5016'	4/40
D2 sds	4319-4327'	4/32	LODC sds	5129-5138'	4/36
D2 sds	4341-4347'	4/24	CP .5 sds	5216-5223'	4/28
B2 sds	4596-4603'	4/28			
LODC sds	4980-4989'	4/36			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 3, 2006

SITP: 120 SICP: 100

Bleed gas off well. TIH W/ bit & tbg f/ 4481'. Tag fill @ 4519'. PU swivel. C/O sd to plug @ 4710' (using conventional circulation). Drill out plug in 22 minutes. Con't swivelling jts in hole. Tag fill @ 4928'. C/O sd to plug @ 5050'. Drill out plug in 38 minutes. Hang back swivel & con't PU tbg. Tag fill @ 5574'. PU swivel. Drill plug remains & sd to PBTD @ 5653'. Circ hole clean. Lost est 50 BW during today's cleanout. RD swivel. Pull EOT to 5621'. RL swab equipment. IFL @ sfc. Made 9 swb runs rec 117 BTF W/ light gas, tr oil & no sand. FFL @ 700'. SIFN W/ es: 1793 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1860 Starting oil rec to date: \_\_\_\_\_  
 Fluid lost/recovered today: 67 Oil lost/recovered today: \_\_\_\_\_  
 Ending fluid to be recovered: 1793 Cum oil recovered: \_\_\_\_\_  
 IFL: sfc FFL: 700' FTP: \_\_\_\_\_ Choke: \_\_\_\_\_ Final Fluid Rate: \_\_\_\_\_ Final oil cut: tr

## STIMULATION DETAIL

## COSTS

Base Fluid used: \_\_\_\_\_ Job Type: \_\_\_\_\_  
 Company: \_\_\_\_\_

Procedure or Equipment detail:

Max TP: \_\_\_\_\_ Max Rate: \_\_\_\_\_ Total fluid pmpd: \_\_\_\_\_  
 Avg TP: \_\_\_\_\_ Avg Rate: \_\_\_\_\_ Total Prop pmpd: \_\_\_\_\_  
 ISIP: \_\_\_\_\_ 5 min: \_\_\_\_\_ 10 min: \_\_\_\_\_ FG: \_\_\_\_\_  
 Completion Supervisor: Gary Dietz

DAILY COST: \$0  
 TOTAL WELL COST: \$0



## DAILY COMPLETION REPORT

WELL NAME: Ashley Federal 6-25-9-15

Report Date: Nov. 7, 2006

Day: 05

Operation: Completion

Rig: Western #2

## WELL STATUS

Surf Csg: 8 5/8' @ 323' Prod Csg: 5 1/2" @ 5924' Csg PBTD: 5653'  
 Tbg: Size: 2 7/8" Wt: 6.5# Grd: J-55 Anchor @: 5185' BP/Sand PBTD: 5653'

## PERFORATION RECORD

Zone	Perfs	SPF/#shots	Zone	Perfs	SPF/#shots
PB11 sds	4122-4130'	4/32	LODC sds	5006-5016'	4/40
D2 sds	4319-4327'	4/32	LODC sds	5129-5138'	4/36
D2 sds	4341-4347'	4/24	CP .5 sds	5216-5223'	4/28
B2 sds	4596-4603'	4/28			
LODC sds	4980-4989'	4/36			

## CHRONOLOGICAL OPERATIONS

Date Work Performed: Nov. 6, 2006

SITP: 150 SICP: 125

Bleed gas off well. TIH W/ tbg. Tag PBTD @ 5653' (no new fill). Circ hole W/ clean wtr. Lost est 45 BW & rec est 20 BO. LD excess tbg. TOH W/ tbg & NC. TIH W/ BHA & production tbg as follows: 2 7/8 NC, 2 jts tbg, SN, 1 jt tbg, new CDI 5 1/2" TA (45K) & 164 jts 2 7/8 8rd 6.5# J-55 tbg. ND BOP. Set TA @ 5185' W/ SN @ 5220' & EOT @ 5284' Land tbg W/ 15,000# tension. NU wellhead. PU & TIH W/ pump and "B" grade rod string to 4575'. PU polished rod & SIFN. Est 1838 BWTR.

## FLUID RECOVERY (BBLs)

Starting fluid load to be recovered: 1793 Starting oil rec to date: 0  
 Fluid lost/recovered today: 45 Oil lost/recovered today: 20  
 Ending fluid to be recovered: 1838 Cum oil recovered: 20  
 IFL: FFL: FTP: Choke: Final Fluid Rate: Final oil cut:

## TUBING DETAIL

## ROD DETAIL

## COSTS

Completion Supervisor: Gary Dietz

DAILY COST: \$0

TOTAL WELL COST: \$0

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## DAILY COMPLETION REPORT

**WELL NAME:** Ashley Federal 6-25-9-15

**Report Date: Nov. 8, 2006****Day: 06**

<b>Operation:</b>	<b>Completion</b>

Rig: Western #2

## WELL STATUS

Surf Csg:	8 5/8'	@	323'	Prod Csg:	5 1/2"	@	5924'	Csg PBDT:	5653'
Tbg:	Size:	2 7/8"	Wt: 6.5#	Grd:	J-55	Anchor @:	5185'	BP/Sand PBDT:	5653'

## PERFORATION RECORD

<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>	<u>Zone</u>	<u>Perfs</u>	<u>SPF/#shots</u>
<u>PB11 sds</u>	<u>4122-4130'</u>	<u>4/32</u>	<u>LODC sds</u>	<u>5006-5016'</u>	<u>4/40</u>
<u>D2 sds</u>	<u>4319-4327'</u>	<u>4/32</u>	<u>LODC sds</u>	<u>5129-5138'</u>	<u>4/36</u>
<u>D2 sds</u>	<u>4341-4347'</u>	<u>4/24</u>	<u>CP .5 sds</u>	<u>5216-5223'</u>	<u>4/28</u>
<u>B2 sds</u>	<u>4596-4603'</u>	<u>4/28</u>			
<u>LODC sds</u>	<u>4980-4989'</u>	<u>4/36</u>			

## CHRONOLOGICAL OPERATIONS

**Date Work Performed:** Nov. 7, 2006

**SITP: 0      SICP: 0**

Con't PU & TIH W/ pump and "B" grade rod string f/ 4575' (complete as follows): new CDI 2 1/2" X 1 1/2" X 15' RHAC pump, 6-1 1/2" weight rods, 10-3/4" scraped rods, 92-3/4" plain rods, 100-3/4" scraped rods, 1-8', 1-6' & 1-2' X 3/4" pony rods and 1 1/2" X 22' polished rod. Seat pump & RU pumping unit. Fill tbg W/ 1 BW. Pressure test tbg & pump to 200 psi. Stroke pump up W/ unit to 800 psi. Good pump action. RDMOSU. Est 1839 BWTR.  
**Place well on production @ 9:00 AM 11/7/2006 W/ 86" SL @ 5 SPM.**  
**FINAL REPORT!!**

**FLUID RECOVERY (BBLS)**

Starting fluid load to be recovered:	<u>1838</u>	Starting oil rec to date:	<u>20</u>		
Fluid <del>lost</del> /recovered today:	<u>1</u>	Oil <del>lost</del> /recovered today:	<u>0</u>		
Ending fluid to be recovered:	<u>1839</u>	Cum oil recovered:	<u>20</u>		
IFL:	FFL:	FTP:	Choke:	Final Fluid Rate:	Final oil cut:

## TUBING DETAIL

## ROD DETAIL

## **COSTS**

KB	12.00'	1 1/2" X 22' polished rod		
164	2 7/8 J-55 tbg (5173.46')	1-8', 1-6' & 1-2' X 3/4" ponies		
	TA (2.80' @ 5185.46' KB)	100-3/4" scraped rods		
1	2 7/8 J-55 tbg (31.60')	92-3/4" plain rods		
	SN (1.10' @ 5219.86' KB)	10-3/4" scraped rods		
2	2 7/8 J-55 tbg (62.97')	6-1 1/2" weight rods		
	2 7/8 NC (.45')	CDI 2 1/2" X 1 1/2" X 15'		
EOT	5284.38' W/ 12' KB	RHAC pump W/ SM plunger		

**DAILY COST:** \$0

**TOTAL WELL COST: \$0**

**Completion Supervisor:** Gary Dietz



## **ATTACHMENT H**

### **WORK PROCEDURE FOR PLUGGING AND ABANDONMENT**

1. Set CIBP @ 4072'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 182' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14 sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 373'

The approximate cost to plug and abandon this well is \$42,000.

## Ashley Federal 6-25-9-15

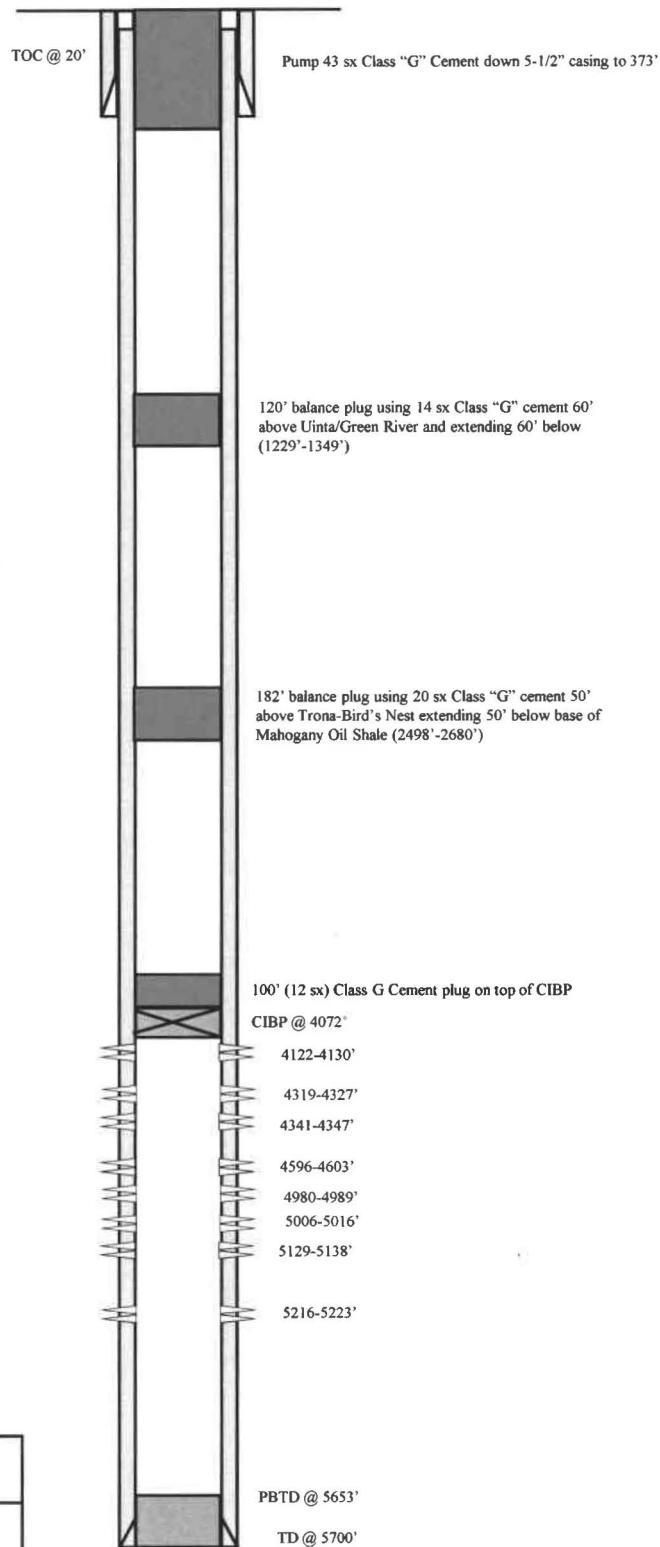
Spud Date: 09/22/06  
 Put on Production: 11/07/06  
 K.B.: 6188' G.L.: 6176'

**SURFACE CASING**

CSG SIZE: 8-5/8"  
 GRADE: J-55  
 WEIGHT: 24#  
 LENGTH: 7 jts (310.92')  
 DEPTH LANDED: 322.77' KB  
 HOLE SIZE: 12-1/4"  
 CEMENT DATA: 160 sxs Class "G" cmt, circ. 5 bbls to surf.

**PRODUCTION CASING**

CSG SIZE: 5-1/2"  
 GRADE: J-55  
 WEIGHT: 15.5#  
 LENGTH: 129 jts (5671.28')  
 DEPTH LANDED: 5684.53' KB  
 HOLE SIZE: 7-7/8"  
 CEMENT DATA: 330 sxs PremLite II mixed & 450 sxs 50/50 POZ  
 CEMENT TOP: 20' per CBL 10/24/06

Proposed P & A  
Wellbore Diagram**NEWFIELD****Ashley Federal 6-25-9-15**

1546' FNL &amp; 2069' FWL

SE/NW Section 25-T9S-R15E

Duchesne Co, Utah

API #43-013-32946; Lease #UTU-66185